

CALIFORNIA INSTITUTE OF TECHNOLOGY

EARTHQUAKE ENGINEERING RESEARCH LABORATORY

STRONG MOTION EARTHQUAKE ACCELEROGRAMS DIGITIZED AND PLOTTED DATA

VOLUME I - UNCORRECTED ACCELEROGRAMS

PART V - ACCELEROGRAMS IIV314 THROUGH IIV333

ACCELEROGRAMS FROM THE
SAN FERNANDO, CALIFORNIA, EARTHQUAKE
OF FEBRUARY 9, 1971

LOG NOS.: 33.002, 33.003, 41.004, 41.005, 52.004, 52.012,
57.001, 57.011, 57.014, 57.015, 57.016, 57.017,
57.020, 57.021, 57.022, 57.023, 62.001, 65.006,
66.010, 67.008

REPORT NO. EERL 73-27

A REPORT ON RESEARCH CONDUCTED UNDER A
GRANT FROM THE NATIONAL SCIENCE FOUNDATION

PASADENA, CALIFORNIA

MARCH, 1975

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57.001, 57.011, 57.014, 57.015, 57.016, 57.017,
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66.010, 67.008

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ABSTRACT

The first set of twenty uncorrected digitized earthquake accelerograms was published in July 1969 as Volume I, Part A, of the present series. That volume also contained introductory material and background information describing the methods used, accuracies, etc., which should be referred to by all users of the data. The San Fernando earthquake provided records of sufficient importance that the original plan was interrupted after two parts and Parts C through S contained the San Fernando earthquake accelerograms.

This issue contains California records from the Los Angeles and Long Beach areas, San Luis Obispo, various buildings in the San Francisco Bay area, Port Hueneme, Eureka, Castaic, and Sacramento during the years 1933 to 1967. Further records from some of these sites have appeared in other parts of the series.

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PREFACE TO VOLUME I, PART V

This issue of uncorrected digitized earthquake records contains data from California stations which recorded strong ground motion during the years 1933 to 1967. The records are included here in chronological order, and the following series of records are of particular interest.

The Los Angeles Subway Terminal, sub-basement, and the Long Beach Public Utilities Building records complete the set of three records obtained from the Long Beach earthquake of March 10, 1933, and were considered suitable for inclusion in this digitization project. The third is from the Vernon, CMD Building included in Part B, Series reference number B021.

The Hollywood Storage Building penthouse record from the Taft, 1952, earthquake is included to accompany the basement and P.E. lot records appearing in Part A, Series reference numbers A006 and A007.

Nine records are included from a foreshock and two aftershocks of the March 22, 1957 San Francisco earthquake. The aftershock at 1515 PST produced records at the Alexander Building (3 records), Oakland City Hall (2 records) and the Southern Pacific Building (one record, in the basement).

Other records in this issue include the Long Beach Public Utilities Building and the Los Angeles Chamber of Commerce Building (November 14, 1941), San Luis Obispo (November 21, 1952), the Port Hueneme Navy Research and Evaluation Laboratory (March 18, 1957),

Eureka (September 4, 1962), Castaic (July 15, 1965), the Pacific Telephone Building in Sacramento (September 12, 1966), and the 12th floor of the Bethlehem Building in San Francisco (December 18, 1967).

Details of dates and times may be found in the Table of Instrument Characteristics. Information on the film preparation for digitizing these records may be found in the Preface to Volume I, Part A, Report No. EERL 70-20. The negative or positive contact prints actually digitized were restricted in length to three feet, the size of the printing table, and this proved to be ample for all cases. Detailed comments on the records and digitization in this report follow.

IV314; L.A. Subway Terminal Sub-bsmt.; Los Angeles, Calif.;

March 10, 1933; 1754 PST. This early recorder used six-inch photographic paper mounted on a rotating drum with a circumference of approximately thirty inches. An axial movement of 0.2 in per revolution ensured that the traces were offset by that amount each time they reappear at the start of the recording paper. The overlapping traces that result as a consequence of this and the slow paper speed of approximately 0.5 cm/sec, cause considerable difficulty in the digitization of the record. The digitization was performed in two parts. The first 65.4 sec was digitized from a 1.5X enlargement of the original film. On this enlargement it was possible to separate all the traces except at two locations where, over a duration of about 0.1 sec, some judgment was exercised in determining the most likely trace positions. A contact negative was used to digitize from 50 sec to the total duration of 119 sec. After scaling each portion separately,

they were matched by least squares fitting over the duplicated span between 50 and 65.4 sec.

IV315; Public Utilities Building, Long Beach, Calif.; March 10, 1933; 1754 PST. This recorder was similar in operation to the one described above for IV314. A little over six revolutions of the drum had occurred before the record was removed. Altogether, an additional six after-shocks are discernible on the record with accelerations greater than 1% g, although it is not possible to ascertain the number of separate triggerings.

The first seven seconds provide the strong-motion portion of this record. During this time a number of factors have combined to provide a very difficult record to separate and subsequently digitize. These are: (1) a high sensitivity of approximately 30 cm/g for the acceleration traces, (2) a slow film transport speed of 0.53 cm/sec, (3) a separation of 2 mm between the traces of the two horizontal components, and (4) destruction of portions of the traces, at certain amplitudes, by subsequent traces recorded on later revolutions of the recording drum. Furthermore, there was a gap in the recording between 0.5 and 1.0 sec after triggering, with no traces evident. The difficulties that were experienced in separating the traces and determining amplitudes were by and large the same as described in the publication "United States Earthquakes, 1933," U.S. Department of Commerce, Coast and Geodetic Survey, 1935, p. 42.

A 3.45X enlargement was made of the first 29.5 sec, from a section of a contact negative made from the original. Careful study of this enlargement has led to reasonable confidence in the digitization

of the vertical trace, in which the light spot had a characteristic sloped appearance when stationary at the turning points of the trace. Furthermore, the two horizontal traces, although separated on the original film by only 2 mm, can be followed on the enlargement from peak to peak over much of the high amplitude region. In the cases where an expected peak could not be found or where separation was impossible, some judgment was exercised in choosing the most likely trace positions. This philosophy was also used in filling the half-second gap at the start of the record with likely portions of acceleration trace.

From 25 to 131 sec, the contact negative was used for digitizing, and the two portions were matched, after scaling, by least squares fitting over the duplicated part between 25 and 29.5 sec.

The resulting accelerogram was further adjusted to remove the backward sloping appearance of all the traces, caused by trace displacements on the film being non-perpendicular to the direction of film transport. An average slope for each of the three traces was calculated from the first seven seconds of the record, and all X-coordinates of the entire record were adjusted to ensure that the average slope was vertical.

IV316. Public Utilities Building, Long Beach, Calif.; November 14, 1941; 0042 PST. This record was a six-inch wide continuous paper record and was digitized to its end at 66 sec. The time mark trace consisted of a 1/4 sec interruption every 1/2 sec, and was digitized every 1/2 sec.

IV317; Chamber of Commerce, Los Angeles, Calif.; Basement;
November 14, 1941; 0042 PST. This was digitized to its end at 62
sec. The accelerograph was similar to that described for IV316.

IV318; Hollywood Storage Co., Hollywood, Calif.; Penthouse; July 21,
1952; 0453 PDT. The 3 ft length of this record was digitized com-
pletely to 73 sec. During the first 50 sec a very high frequency,
low amplitude oscillation of the south component trace was evident.
During digitizing, it was possible to average this oscillation out,
choosing the centerline of the underlying trace.

IV319; City Recreation Building, San Luis Obispo, Calif.; November 21,
1952; 2346 PST. This was digitized to 49 sec, although the record
continued to at least 76 sec. The time mark trace consisted of 1/4
sec interruptions every 1/2 sec, placed towards the center of the
six-inch paper record, and was digitized every 1/2 second.

IV320; Southern Pacific Building, San Francisco, Calif.; Basement;
March 22, 1957; 1048 PST. This record was digitized to $35\frac{1}{2}$ sec and
continued for a total duration of 68 sec. The time trace consisted of
an offset mark every 1/2 sec.

IV321; Oakland City Hall, Oakland, Calif.; 16th floor; March 22, 1957;
1144 PST. This was digitized to the end at 83 sec. The twelve-inch
record had the time trace with 1/4 sec interruptions every 1/2 sec.
The N26E component was very blurred and the trace centerline was
difficult to select, resulting in decreased accuracy for this component.

IV322; Southern Pacific Building, San Francisco, Calif.; Basement;
March 22, 1957; 1515 PST. This was digitized to 49 sec, although the record continued to at least 57 sec. Three time mark traces were used. Near the center was a line with a $1/4$ sec interruption every $1/2$ sec, and at each edge was a trace with an offset mark every $1/2$ sec. These edge traces usually had a better defined mark than the center trace, and consequently one of these edge time mark traces was the one digitized.

IV323, 324, 325; Alexander Building, San Francisco, Calif.; Basement,
11th and 16th floors; March 22, 1957; 1515 PST. These records were digitized to 22, $15\frac{1}{2}$ and 31 sec, respectively, and all continued on to at least 70 sec. The time marks were as for IV322.

IV326, 327; Oakland City Hall, Oakland, Calif.; Basement and 16th
floors; March 22, 1957; 1515 PST. These records were digitized to $29\frac{1}{2}$ and $15\frac{1}{2}$ sec, respectively, although continuing on to at least 70 sec. The N26E component of the 16th floor record was too blurred for accurate digitization.

IV328; Southern Pacific Building, San Francisco, Calif.; Basement;
March 22, 1957; 1627 PST. This record was digitized to 26 sec, although continuing to at least 58 sec.

IV329; Navy Research and Evaluation Laboratory, Port Hueneme,
Calif.; March 18, 1957; 1056 PST. This record was digitized to the end of the 3 ft length, corresponding to 69 sec. In addition to the acceleration transducers, two Carder displacement meters had been

fitted to the instrument, and the displacement traces were also digitized, although not included in this report. The time mark system was very intermittent in operation and about 50% of the time marks, scattered throughout the total duration, were inserted by hand before digitizing.

IV330; Federal Building, Eureka, Calif.; September 4, 1962; 0917 PST.

This record was digitized for its complete length, a duration of 86 $\frac{1}{2}$ sec.

IV331; Old Ridge Route, Castaic, Calif.; July 15, 1965; 2346 PST.

Only 7 sec of this was recorded before the paper ran out.

IV332; Pacific Telephone Building, Sacramento, Calif.; Basement;

September 12, 1966; 0841 PST. This was digitized to the end of the 3 ft length, a duration of 42.5 sec. Two displacement meter traces were as described above for IV329, and time marks as described for IV322. This was a standard USCGS twelve-inch instrument with a film transport speed increased to 2 cm/sec, comparable with the AR-240.

IV333; Bethlehem Building, San Francisco, Calif.; 16th floor;

December 18, 1967; 0925 PST. The complete duration of 29 sec was digitized. Two displacement meter traces were as described above for IV329. The two horizontal acceleration traces were blurred and thick, and an accurate digitization of their centerlines was impossible.

The question of where to discontinue digitizing the records is answered in most cases on the basis of record amplitude. Experience with the Volume II correction procedures has shown that the decreased

signal-to-noise ratio, occurring with low acceleration amplitudes, allows spurious long period components to become predominant.

We are reporting here the digitized and actual lengths of the accelerograms so that those investigators who want to examine a particular record in more detail are familiar with the basic data available. The amplitudes of the omitted portions of the accelerograms typically do not exceed the levels indicated by the average amplitudes at the end of the digitized portion which can be seen in the plots at the back of this report.

In conclusion, we should like to express our gratitude to Mr. Vincent Lee, who carried out the various details for the production of the Volume I series of tapes with special care and attention, to Miss Barbara Turner and Miss Sharon Vedrode for the typing and editing, to the staff of the Willis H. Booth Computing Center, and to the Caltech Graphic Arts Facilities. We acknowledge the general support of the Earthquake Research Affiliates Program and the grants from the National Science Foundation. We appreciate the cooperation of the Seismic Engineering Branch of the U.S. Geological Survey (formerly the Seismological Field Survey of the National Oceanic and Atmospheric Administration) and the National Science Foundation.

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Notes on the Volume I Series of Reports

In addition to some of the information in the preceding Abstract and Preface, there are some facts pertaining to the Volume I series which will appear in these Notes in this and future reports.

Parts A and B contained data from records dating from the Long Beach earthquake of March 10, 1933, and included three records from the Borrego Mountain, California, earthquake of April 8, 1958. Part C contained the first of the records from the San Fernando, California, earthquake of February 9, 1971, a sufficiently important earthquake that all the records considered suitable for standard digitizing have been included in the issues following Part C, and Part S contains the last of the San Fernando records. In Part T a return is made to those records received during the years 1933 to 1968, which continue into Parts U and V. Parts W and X contain the records from the Lytle Creek, California, earthquake of Sept. 12, 1970, and Part Y contains the records of the Borrego Mountain, California, earthquake of April 8, 1968, not already included in Parts A and B. Part Y marks the conclusion of the current digitizing and analysis project.

The Preface to Part A contained details of preparation for digitization of photographic paper records, Part G contained the details for 70-mm film preparation, and Part P included a description for 35-mm film preparation.

A description of the naming of component directions of the records was given in Part M. Consistent with this, the component

direction, where it appears in this report, refers to the directions of the transducer pendulum motion for the trace to be deflected "up" on the record when viewed in the normal way with time increasing from left to right. During earthquake acceleration measurements the transducer pendulum responds dynamically to an "inertia force" whose direction is opposite to that of the acceleration of the instrument base, and it follows that the true ground acceleration will be opposite to the pendulum motion defined above. For those applications requiring true ground motion, therefore, the directions as given in standard data in this series of reports, derived from the Seismological Field Survey, will need to be reversed.

Some reproductions in the publication "United States Earthquakes" issued by the National Oceanic and Atmospheric Administration (formerly the Coast and Geodetic Survey) have reversed component directions to indicate true ground motion. A few special cases of incorrect component description, a result of these reversed component directions, appeared in Parts A and B and a complete list of their correct directions was included in Part M.

The plots following the computer printouts contain arrows indicating the length of the digitized portion in each film set-up on the digitizing table. Each individual trace has asterisks inserted in the computer printout next to the coordinates of the points corresponding to these arrows.

All of the reports in this Volume I contain references concerning particular aspects of the various earthquake records. A list of these reports and other publications of the Earthquake Engineering

Research Laboratory appears at the back of this issue, including the EERL Report Number and the Accession Number, with which they are obtainable from:

National Technical Information Service
U.S. Department of Commerce
Springfield, Virginia 22151 .

The system for the EERL- numbering of the reports is based on two numbers, one indicating the year of preparation, and the second indicating the volume to which the report belongs. A detailed description follows.

For the Volume I reports, the first number indicates the year in which the particular data was first prepared for either a report or for loading onto magnetic tapes. This number ranges from 70 to 73. The first printing of Volume I, Part A, appeared before the numbering system was chosen. Although it was dated July, 1969, it actually did not appear until 1970, and was consequently numbered EERL 70-20 in subsequent printings. For the reports of Volumes II, III, and IV, the first number indicates the year in which the report was prepared and ranges from 70 to 75.

The second number increases consecutively with each report, restarting at 20 each year in the case of Volume I reports, at 50 for Volume II, at 80 for Volume III, and at 100 for Volume IV. For example, Volume II, Part G, Report No. EERL 73-52, was prepared in 1973 and was the third report of the Volume II series to be published that year. The numbers from 01 to 19 each year are reserved for other publications of the Earthquake Engineering Research Laboratory, such as thesis reports and special reports.

INSTRUMENT CHARACTERISTICS

Series Ref. No.	Caltech Log No.	Instr. Serial No.	Date & Time	Station No.; Location	Component* Direction	Period* To, (sec)	Sens.* (cm/g)	Damp* Ratio, e	Damp* % crit.
IV314	33.002.0	S-M 3D	3-10-33 1754 PST	136 L. A. Subway Terminal sub-bsmt., L. A., Calif.	N39E N51W Up	.098 .096 .102	26.6 31.8 26.3	10.0 20.0 ∞	59.2 69.0 100.0
IV315	33.003.0	S-M 4M	3-10-33 1754 PST	131 Utilities Bldg. Long Beach, Calif.	South West Up	.105 .105 .105	30.8 31.7 27.0	6.0 6.0 ∞	49.4 49.4 100.0
IV316	41.004.0	S-M 4M	11-14-41 0042 PST	131 Utilities Bldg. Long Beach, Calif.	North East Up	.102 .098 .099	27.1 25.0 27.0	9.0 8.0 9.0	57.4 55.2 57.4
IV317	41.005.0		11-14-41 0042 PST	Chamber of Commerce Bsmt., L. A., Calif.	S50E S40W Up	.103 .100 .101	28.5 26.6 27.4	9.0 10.0 10.0	57.4 59.2 59.2
IV318	52.004.0	S-M 40A	7-21-52 0453 PDT	134 Hollywood Storage, Penthouse, Hollywood, Calif.	South West Up	.046 .044 .045	6.2 6.0 6.1	9.0 28.0 7.0	57.4 72.8 52.8
IV319	52.012.0	S-M 2	11-21-52 2346 PST	83 City Recreation Bldg., San Luis Obispo, Calif.	N36W S54W Up	.080 .079 .081	18.8 19.1 19.0	11.0 10.0 10.0	60.7 59.2 59.2
IV320	57.001.0	S-M 20	3-22-57 1048 PST	78 Southern Pacific Bldg., Bsmt., San Francisco, Cal.	N45E N45W Up	.0668 .0665 .0669	13.0 13.1 13.1	10.0 10.0 10.0	59.2 59.2 59.2
IV321	57.011.0		3-22-57 1144 PST	Oakland City Hall, 16th Fl., Oakland, Calif.	N26E N64W Up	.0455 .0458 .0450	5.1 5.9 5.8	10.0 15.0 8.0	59.2 65.3 55.2

* See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (cont.)

Series Ref. No.	Caltech Log No.	Instr. Serial No.	Date & Time	Station No.; Location	Component* Direction	Period* To, (sec)	Sens.* (cm/g)	Damp* Ratio, %	Damp* % crit.
IV322	57.014.0	S-M 20	3-22-57 1515 PST	78 Southern Pacific Bldg., Bsmt., San Francisco, Calif.	N45E N45W Up	.0668 .0665 .0669	13.0 13.1 13.1	10.0 10.0 10.0	59.2 59.2 59.2
IV323	57.015.0	S-M 27	3-22-57 1515 PST	65 Alexander Bldg., Bsmt., San Francisco, Calif.	N81E N09W Up	.0639 .0650 .0635	12.6 12.7 12.0	8.0 10.0 7.0	55.2 59.2 52.8
IV324	57.016.0	S-M 43	3-22-57 1515 PST	66 Alexander Bldg., 11th Fl., San Francisco, Calif.	N81E S09E Up	.0456 .0462 .0455	6.3 6.3 6.2	8.0 12.0 15.0	55.2 62.0 65.3
IV325	57.017.0	S-M 36	3-22-57 1515 PST	67 Alexander Bldg., 16th Fl., San Francisco, Calif.	S09E S81W Up	.0460 .0457 .0466	6.4 6.2 6.5	14.0 8.0 12.0	64.3 55.2 62.0
IV326	57.020.0	S-M 37M	3-22-57 1515 PST	49 Oakland City Hall, Bsmt., Oakland, Calif.	N26E S64E Up	.0662 .0673 .0668	12.5 13.2 13.0	9.0 10.0 11.0	57.4 59.2 60.7
IV327	57.021.0		3-22-57 1515 PST	Oakland City Hall, 16th Fl., Oakland, Calif.	N26E N64W Up	.0455 .0458 .0450	5.1 5.9 5.8	10.0 15.0 8.0	59.2 65.3 55.2
IV328	57.022.0	S-M 20	3-22-57 1627 PST	78 Southern Pacific Bldg., Bsmt., San Francisco, Calif.	N45E N45W Up	.0668 .0665 .0669	13.0 13.1 13.1	10.0 10.0 10.0	59.2 59.2 59.2
IV329	57.023.0	S-M NL- 1-A	3-18-57 1056 PST	272 Navy Res. & Eval. Lab., Port Hueneme, Calif.	South West Up	.0753 .0774 .0774	17.2 17.7 17.6	8.0 20.0 11.0	55.2 69.0 60.7

*See footnotes at end of table.

INSTRUMENT CHARACTERISTICS (cont.)

Series Ref. No.	Caltech Log No.	Instr. Serial No.	Date & Time	Station No.; Location	Component* Direction	Period* T ₀ , (sec)	Sens.* (cm/g)	Damp* Ratio, ε	Damp* % crit.
IV330	62.001.0	S-M 30	9-4-62 0917 PST	22 Federal Building, Eureka, Calif.	N79E S11E Up	.0655 .0665 .0658	13.0 13.3 12.6	10.0 12.0 9.0	59.2 62.0 57.4
IV331	65.006.0	AR- 240	7-15-65 2346 PST	110 Old Ridge Route (CWR), Castaic, Calif.	South East Down	.050* .050* .050*	7.6* 7.6* 7.6*	10.0 10.0 10.0	59.2 59.2 59.2
IV332	66.010.0	S-M 8	9-12-66 0841 PST	62 Pacific Tel. & Tel. Bldg., Bsmnt., Sacramento, Calif.	South East Up	.073 .072 .071	16.0 16.0 16.0	10.0 10.0 9.0	59.2 59.2 57.4
IV333	67.008.0	S-M BP-2	12-18-67 0925 PST	72 Bethlehem Bldg., 12th Fl., San Francisco, Calif.	North West Up	.047 .046 .045	6.5 6.2 5.7	7.5 8.0 7.5	54.0 55.2 54.0

*

*Static Magnification, $V_s = \omega_n^2 \cdot (\text{Sensitivity}) = \left[\frac{2\pi}{T_0(\text{sec})} \right]^2 \cdot \frac{\text{Sensitivity (cm/g)}}{980 (\text{cm/sec}^2/\text{g})}$

Periods, sensitivities, and damping ratios are obtained from the annual publication "U.S. Earthquakes" produced by the U.S. Department of Commerce. Asterisked values are nominal values, supplied by the manufacturer.

Damping ratio, $\epsilon = \exp[\pi n / \sqrt{(1 - n^2)}]$, where n is the fraction of critical damping.

The component direction is that of pendulum motion for the trace to be deflected "upwards" on the record, as described in the Notes.

EARTHQUAKE DATA, PART V

<u>Location</u>	<u>Date</u>	<u>Time</u>	<u>Lat. (N)</u>	<u>Long. (E)</u>	<u>Depth* (km)</u>	<u>Mag.</u>	<u>Maximum Intensity</u>
Long Beach, Calif.	03/10/33	1754 PST	33°37'00"	-117°58'00"	16.0	6.3	9
Torrance-Gardena, Calif.	11/14/41	0042 PST	33°47'00"	-118°15'00"	16.0	5.4	8
Kern County, Calif.	07/21/52	0453 PDT	35°00'00"	-119°01'00"	16.0	7.7	11
Southern Calif.	11/21/52	2346 PST	35°50'00"	-121°10'00"	-	6.0	7
San Francisco, Calif.	03/22/57	1048 PST	37°40'00"	-122°28'00"	-	3.8	5
Foreshock							
San Francisco, Calif.	03/22/57	1144 PST	37°40'00"	-122°29'00"	-	5.3	7
San Fran., Calif. Aftershock	03/22/57	1515 PST	37°39'00"	-122°27'00"	-	4.4	5
San Fran., Calif. Aftershock	03/22/57	1627 PST	37°39'00"	-122°29'00"	-	4.0	5
Southern Calif.	03/18/57	1056 PST	34°07'06"	-119°13'12"	13.8	4.7	6
Northern Calif.	09/04/62	0917 PST	40°58'00"	-124°12'00"	-	5.0	6
Southern Calif.	07/15/65	2346 PST	34°29'06"	-118°31'18"	15.1	4.0	6
Northern Calif.	09/12/66	0841 PST	39°24'00"	-120°06'00"	-	6.3	7
Northern Calif.	12/18/67	0925 PST	37°00'36"	-121°47'18"	-	5.2	6

* Listed depth of 16.0 km is an estimate used for travel times in epicenter calculations (Gutenberg, 1951; Hileman et al., 1973).

REFERENCES (See additional list, page 234)

- (April-May, 1971). "The San Fernando Earthquake," California Geology, v. 24, n. 4-5.
 - (November, 1971). "Report of the Los Angeles County Earthquake Commission, San Fernando Earthquake, February 9, 1971," prepared for the Los Angeles Board of Supervisors.
 - "The San Fernando Earthquake of February 9, 1971," National Academy of Sciences, Washington, D.C.
- Barrows, A. G., et al. (1971). "Map of Surface Breaks Resulting from the San Fernando, California, Earthquake of February 9, 1971," California Division of Mines and Geology.
- Bolt, B. A. (August, 1972). "San Fernando Rupture Mechanism and the Pacoima Strong-Motion Record," Bull. Seism. Soc. Amer., v. 62, n. 4, 1053-1061.
- Boore, D. M. (October, 1973). "The Effect of Simple Topography on Seismic Waves: Implications for the Accelerations Recorded at Pacoima Dam, San Fernando Valley, California," Bull. Seism. Soc. Amer., v. 63, n. 5, 1603-1609.
- California Department of Natural Resources, "Earthquakes in Kern County, California, during 1952," Division of Mines, San Francisco, Bulletin 171, Nov. 1955.
- Canitez, N. and M. N. Toksöz (May, 1972). "Static and Dynamic Study of Earthquake Source Mechanism: San Fernando Earthquake," J. Geophys. Res., v. 77, n. 14, 2583-2594.
- Division of Geological and Planetary Sciences, California Institute of Technology (April, 1971). "Preliminary Seismological and Geological Studies of the San Fernando, California Earthquake of February 9, 1971," Bull. Seism. Soc. Amer., v. 61, n. 2, 491-495.
- Gutenberg, B. (1951). "Revised Travel Times in Southern California," Bull. Seism. Soc. Amer., v. 41, 143-163.
- Hanks, T. C. (March, 1974). "The Faulting Mechanism of the San Fernando, California, Earthquake," J. Geophys. Res., v. 79, n. 8, 1215-1229.
- Hileman, J. A., C. R. Allen, and J. M. Nordquist (1973). Seismicity of the Southern California Region, 1 Jan. 1932 to 31 Dec. 1972, Seismological Laboratory, Calif. Inst. of Tech., Pasadena, Calif.

- Housner, G. W. and P. C. Jennings (July-September, 1972). "The San Fernando California Earthquake," Earthquake Engineering and Structural Dynamics, The Journal of the International Association for Earthquake Engineering, v. 1, n. 1, 5-31.
- Hudson, D. E. (December, 1972). "Local Distribution of Strong Earthquake Ground Motions," Bull. Seism. Soc. Amer., v. 62, n. 6, 1765-1786.
- Mikumo, T. (1973). "Faulting Process of the San Fernando Earthquake of February 9, 1971 Inferred from Static and Dynamic Near-Field Displacements," Bull. Seism. Soc. Amer., v. 63, n. 1, 249-269.
- Perez, V. (1973). "Velocity Response Envelope Spectrum as a Function of Time, for the Pacoima Dam, San Fernando Earthquake, February 9, 1971," Bull. Seism. Soc. Amer., v. 63, n. 1, 299-313.
- Proctor, R. J., R. Crook, Jr., M. McKeown, and R. L. Moresco (June, 1972). "Relation of Known Faults to Surface Ruptures, 1971 San Fernando Earthquake, Southern California," Bull. Geol. Soc. Amer., v. 83, 1601-1618.
- Scott, R. F. (October, 1973). "The Calculation of Horizontal Accelerations from Seismoscope Records," Bull. Seism. Soc. Amer., v. 63, n. 5, 1637-1661.
- Steinbrugge, K. V., et al. (August, 1971). "The San Fernando Earthquake, February 9, 1971," Pacific Fire Rating Bureau, 465 California Street, San Francisco, California.
- Steinbrugge, K. V. and D. F. Moran (April 1954). "An Engineering Study of the Southern California Earthquake of July 21, 1952 and Its Aftershocks," Bull. Seism. Soc. Amer., v. 44, n. 2B.
- Thatcher, W. and T. C. Hanks (December, 1973). "Source Parameters of Southern California Earthquakes," J. Geophys. Res., v. 78, n. 35, 8547-76.
- Trifunac, M. D. (June, 1972). "Stress Estimates for the San Fernando, California, Earthquake of February 9, 1971: Main Event and Thirteen Aftershocks," Bull. Seism. Soc. Amer., v. 62, n. 3, 721-750.
- Trifunac, M. D. and D. E. Hudson (October, 1971). "Analysis of the Pacoima Dam Accelerogram," Bull. Seism. Soc. Amer., v. 61, n. 5, 1393-1411.
- Trifunac, M. D. (February, 1974). "A Three-Dimensional Dislocation Model for the San Fernando, California, Earthquake of February 9, 1971," Bull. Seism. Soc. Amer., v. 64, n. 1, 149-172.

- Trifunac, M. D. and F. E. Udvardia (1974). "Variation of Strong Earthquake Ground Motion in the L.A. Area," Bull. Seism. Soc. Amer., v. 64, 1429-1454.
- Trifunac, M. D. and V. W. Lee (1974). "A Note on the Accuracy of Computed Ground Displacements from Strong Motion Accelerograms," Bull. Seism. Soc. Amer., v. 64, n. 4, 1209-1219.
- U.S. Department of Commerce (March, 1971). "The San Fernando, California, Earthquake of February 9, 1971," National Bureau of Standards Report 10556.
- U.S. Department of Commerce (December, 1971). "Engineering Aspects of the 1971 San Fernando Earthquake," Building Science Series 40, National Bureau of Standards.
- U.S. Department of Commerce, Annual Publication. "United States Earthquakes _____," published by the Coast and Geodetic Survey up to 1968, and by the National Oceanic and Atmospheric Administration, 1969 to 1971.
- U.S. Geological Survey and the National Oceanic and Atmospheric Administration. "The San Fernando, California, Earthquake of February 9, 1971," Geological Survey Professional Paper 733, (preliminary report).

1515 POINTS 119.091 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0956 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.107	0.074	-0.109	0.119	-0.121	0.134	-0.146	4.974	-0.530	5.037	-0.410	5.052	-0.242	5.078	-0.095
0.156	-0.197	0.175	-0.250	0.198	-0.306	0.221	-0.282	5.115	0.010	5.133	-0.080	5.178	-0.214	5.204	-0.364
0.262	-0.228	0.277	-0.170	0.304	-0.106	0.364	-0.115	5.237	-0.254	5.270	-0.107	5.292	-0.030	5.325	-0.049
0.383	-0.075	0.414	-0.026	0.463	-0.006	0.512	0.005	5.333	0.122	5.373	0.107	5.428	0.143	5.443	0.182
0.610	0.003	0.648	-0.022	0.656	-0.067	0.682	-0.195	5.465	0.291	5.498	0.367	5.509	0.245	5.531	0.138
0.716	-0.114	0.735	-0.154	0.761	-0.199	0.803	-0.119	5.554	0.065	5.579	-0.045	5.609	-0.131	5.627	-0.099
0.829	0.0	0.855	0.067	0.901	0.141	0.942	-0.195	5.653	-0.141	5.678	-0.204	5.722	-0.244	5.758	-0.181
0.987	0.212	1.044	0.258	1.074	0.293	1.138	0.282	5.772	0.066	5.798	0.170	5.819	0.380	5.852	0.228
1.193	0.314	1.223	0.369	1.260	0.414	1.282	0.357	5.877	0.099	5.975	0.104	5.979	-0.008	5.993	-0.118
1.296	0.365	1.315	0.293	1.340	0.245	1.351	0.272	6.033	-0.237	6.087	-0.120	6.141	-0.050	6.159	-0.307
1.377	0.310	1.392	0.257	1.429	0.213	1.462	0.179	6.220	-0.010	6.251	0.083	6.262	0.070	6.322	-0.203
1.506	0.150	1.535	0.081	1.550	0.015	1.572	-0.068	6.344	0.147	6.365	0.053	6.393	-0.038	6.404	-0.197
1.594	-0.139	1.627	-0.210	1.682	-0.278	1.727	-0.195	6.418	-0.256	6.439	-0.090	6.461	-0.016	6.500	-0.059
1.753	-0.129	1.793	-0.081	1.826	-0.162	1.860	-0.242	6.528	0.203	6.560	0.260	6.595	0.123	6.617	0.003
1.878	-0.285	1.904	-0.197	1.926	-0.152	1.985	-0.092	6.638	-0.099	6.685	-0.177	6.728	-0.055	6.764	-0.002
2.022	-0.058	2.063	-0.046	2.088	-0.092	2.103	-0.134	6.793	-0.140	6.815	-0.055	6.851	-0.094	6.894	-0.127
2.125	-0.175	2.151	-0.255	2.181	-0.205	2.196	-0.114	6.937	0.0	6.952	0.093	6.991	0.222	7.013	0.107
2.218	-0.096	2.244	-0.195	2.274	-0.261	2.289	-0.286	7.038	-0.029	7.067	-0.122	7.093	-0.220	7.139	-0.341
2.315	-0.230	2.344	-0.150	2.367	-0.114	2.382	-0.176	7.184	-0.500	7.226	-0.367	7.260	-0.232	7.275	-0.076
2.396	-0.253	2.448	-0.294	2.482	-0.218	2.519	0.089	7.316	0.128	7.381	-0.014	7.411	0.082	7.456	0.151
2.549	0.378	2.575	0.293	2.597	0.339	2.642	0.262	7.479	0.216	7.536	0.343	7.600	0.256	7.645	0.341
2.686	0.351	2.704	0.307	2.733	0.233	2.752	0.169	7.683	0.468	7.752	0.323	7.744	0.062	7.789	0.400
2.796	0.211	2.814	0.121	2.836	-0.035	2.850	-0.094	7.849	-0.009	7.887	0.046	7.921	0.123	7.970	0.175
3.033	0.438	3.044	0.499	3.077	0.393	3.110	0.327	8.004	0.223	8.051	0.123	8.095	0.075	8.122	-0.114
3.147	0.147	3.165	0.043	3.194	-0.258	3.239	0.089	8.255	-0.254	8.291	-0.208	8.324	-0.328	8.397	-0.251
3.268	-0.056	3.287	-0.230	3.316	-0.407	3.331	-0.591	8.445	-0.200	8.493	-0.117	8.537	0.075	8.562	0.302
3.379	-0.641	3.445	-0.609	3.471	-0.513	3.523	-0.418	8.614	0.452	8.628	0.265	8.687	0.134	8.716	0.079
3.549	-0.245	3.556	-0.105	3.593	-0.175	3.626	-0.068	8.753	0.043	8.844	0.054	8.903	0.012	8.925	-0.073
3.652	0.078	3.682	0.153	3.697	0.061	3.731	-0.047	8.980	-0.116	9.031	-0.177	9.064	-0.307	9.104	-0.332
3.761	-0.145	3.769	-0.128	3.780	-0.011	3.826	0.084	9.130	-0.226	9.196	-0.270	9.225	-0.147	9.264	-0.054
3.897	0.057	3.995	0.117	4.010	0.218	4.018	0.281	9.308	0.058	9.337	0.152	9.384	0.221	9.406	0.304
4.067	0.415	4.086	0.251	4.109	0.141	4.124	0.037	9.442	0.231	9.482	0.175	9.511	0.239	9.547	0.413
4.154	0.008	4.188	0.089	4.225	0.180	4.263	0.269	9.598	0.321	9.619	0.220	9.648	0.118	9.688	0.034
4.285	0.217	4.304	0.239	4.323	0.181	4.349	0.061	9.737	-0.049	9.766	-0.156	9.783	-0.227	9.815	-0.302
4.379	0.150	4.402	0.228	4.432	0.266	4.447	0.202	9.847	-0.449	9.868	-0.286	9.890	-0.187	9.911	0.027
4.477	0.079	4.503	0.157	4.545	0.052	4.612	0.140	9.939	0.196	9.954	0.285	9.989	0.285	10.007	0.258
4.650	0.033	4.672	0.128	4.706	0.190	4.724	-0.003	10.035	0.212	10.081	0.093	10.124	-0.021	10.159	-0.170
4.751	-0.196	4.803	-0.280	4.829	-0.425	4.840	-0.531	10.189	-0.273	10.226	-0.193	10.248	-0.040	10.278	0.027
4.873	-0.362	4.884	-0.217	4.914	-0.337	4.944	-0.465	10.311	0.060	10.348	0.128	10.374	0.187	10.434	0.016

10.463	-0.113	10.496	0.016	10.526	0.063	10.582	-0.042	20.861	0.145	20.902	0.130	20.966	0.098	21.055	0.066
10.615	0.004	10.645	0.176	10.694	0.235	10.759	0.155	21.115	0.032	21.159	0.105	21.234	0.012	21.308	0.041
10.817	-0.005	10.867	-0.165	10.986	-0.227	10.944	-0.106	21.345	0.078	21.430	0.120	21.519	0.117	21.564	0.097
11.009	-0.158	11.082	-0.065	11.128	-0.168	11.173	-0.263	21.627	0.067	21.722	0.084	21.773	0.068	21.839	0.033
11.236	-0.163	11.258	-0.073	11.288	-0.004	11.328	0.159	21.930	0.036	21.988	0.021	22.028	-0.007	22.086	-0.043
11.350	0.192	11.384	-0.041	11.428	-0.065	11.461	-0.174	22.159	0.027	22.244	-0.003	22.303	-0.002	22.358	-0.060
11.509	-0.279	11.550	-0.165	11.594	-0.094	11.646	-0.118	22.397	-0.118	22.494	-0.144	22.563	-0.176	22.621	-0.187
11.697	-0.096	11.766	-0.156	11.821	-0.075	11.857	0.091	22.686	-0.151	22.752	-0.101	22.792	-0.073	22.832	-0.056
11.897	0.233	11.930	0.331	11.985	0.409	11.857	0.322	22.879	-0.090	22.941	-0.126	23.087	-0.125	23.157	-0.147
12.083	0.226	12.116	0.126	12.145	0.054	12.174	-0.028	23.198	-0.168	23.257	-0.143	23.321	-0.086	23.373	-0.038
12.204	-0.153	12.264	-0.293	12.361	-0.137	12.413	0.022	23.436	0.0	23.488	0.042	23.540	0.085	23.577	0.113
12.450	-0.162	12.483	0.339	12.502	0.459	12.539	0.479	23.641	0.038	23.667	-0.010	23.738	-0.051	23.840	-0.047
12.565	0.470	12.610	0.342	12.636	0.226	12.684	0.168	23.866	-0.012	23.923	0.031	23.990	0.054	24.028	0.030
12.747	0.204	12.802	0.154	12.842	0.211	12.912	0.254	24.073	0.005	24.137	-0.017	24.200	-0.036	24.234	-0.075
12.938	0.211	13.011	0.157	13.063	0.182	13.129	0.159	24.334	-0.095	24.472	-0.075	24.539	-0.059	24.621	-0.027
13.162	0.211	13.202	0.263	13.232	0.182	13.287	0.109	24.647	0.009	24.759	0.018	24.870	0.034	24.981	0.054
13.334	-0.004	13.378	-0.126	13.448	-0.209	13.506	-0.313	25.063	0.041	25.093	-0.002	25.156	0.034	25.233	0.006
13.554	-0.402	13.587	-0.519	13.638	-0.644	13.694	-0.556	25.289	0.063	25.352	0.106	25.437	0.157	25.530	0.146
13.728	-0.423	13.758	-0.337	13.777	-0.216	13.811	-0.128	25.648	0.171	25.689	0.213	25.733	0.256	25.773	0.289
13.852	-0.108	13.901	-0.143	13.998	-0.104	14.114	-0.135	25.854	0.243	25.920	0.189	26.012	0.084	26.097	0.047
14.216	-0.109	14.238	-0.051	14.269	0.017	14.310	0.057	26.178	0.014	26.294	-0.037	26.376	-0.071	26.451	-0.041
14.355	0.008	14.400	-0.047	14.475	-0.106	14.524	-0.032	26.515	-0.001	26.578	0.020	26.627	0.060	26.702	0.072
14.558	0.041	14.637	0.146	14.689	0.061	14.730	0.054	26.755	0.052	26.807	0.052	26.853	-0.016	26.932	-0.041
14.782	-0.178	14.864	-0.273	14.938	-0.285	15.009	-0.261	26.992	-0.025	27.063	-0.052	27.120	-0.044	27.176	-0.072
15.042	-0.143	15.072	-0.035	15.106	0.017	15.132	0.082	27.239	-0.106	27.323	-0.143	27.423	-0.119	27.478	-0.089
15.146	0.151	15.180	0.188	15.220	0.204	15.2313	0.247	27.574	-0.122	27.655	-0.138	27.698	-0.168	27.756	-0.143
15.368	0.211	15.397	0.170	15.423	0.141	15.482	0.172	27.806	-0.116	27.857	-0.088	27.907	-0.066	27.983	-0.076
15.523	0.164	15.556	0.203	15.593	0.248	15.619	0.295	28.066	-0.090	28.159	-0.116	28.196	-0.140	28.308	-0.125
15.678	0.345	15.729	0.296	15.755	0.249	15.795	0.221	28.377	-0.138	28.467	-0.150	28.572	-0.114	28.623	-0.076
15.825	0.192	15.854	0.120	15.883	0.043	15.942	0.014	28.682	-0.032	28.741	0.007	28.789	0.068	28.833	0.128
16.034	0.015	16.118	-0.022	16.162	-0.069	16.279	-0.147	28.878	0.161	28.959	0.127	29.074	0.144	29.133	0.105
16.363	-0.111	16.422	-0.058	16.498	-0.078	16.535	-0.066	29.196	0.075	29.244	0.033	29.329	0.049	29.392	0.013
16.553	-0.162	16.630	-0.227	16.678	-0.208	16.722	-0.286	29.451	-0.020	29.533	-0.040	29.644	-0.048	29.706	-0.075
16.806	-0.282	16.858	-0.262	16.880	-0.187	16.927	-0.079	29.868	-0.087	29.983	-0.080	30.049	-0.044	30.100	-0.007
16.960	0.009	16.993	0.042	17.056	0.027	17.096	0.047	30.159	0.046	30.233	0.041	30.296	0.083	30.385	0.109
17.147	0.030	17.199	0.048	17.233	0.011	17.262	-0.038	30.503	0.096	30.562	0.073	30.677	0.092	30.742	0.062
17.296	-0.087	17.333	-0.122	17.373	-0.117	17.396	-0.085	30.845	0.069	30.910	0.057	31.023	0.033	31.111	0.055
17.433	-0.033	17.470	0.052	17.499	0.152	17.521	0.271	31.227	0.072	31.332	0.094	31.397	0.085	31.488	0.066
17.558	0.345	17.599	0.382	17.629	0.372	17.662	0.325	31.563	0.042	31.650	0.034	31.731	-0.011	32.037	-0.021
17.688	0.281	17.710	0.233	17.736	0.191	17.762	0.111	31.845	-0.007	31.923	0.034	32.207	-0.014	32.251	-0.024
17.795	-0.047	17.814	-0.032	17.854	-0.106	17.888	-0.219	32.100	-0.041	32.158	-0.024	32.426	-0.076	32.474	-0.093
17.910	-0.335	17.995	-0.405	18.036	-0.460	18.076	-0.438	32.326	-0.034	32.378	-0.055	32.645	-0.100	32.690	-0.072
18.084	-0.372	18.117	-0.287	18.161	-0.193	18.206	-0.110	32.538	-0.107	32.608	-0.113	32.762	0.002	32.859	0.035
18.243	-0.037	18.298	0.030	18.361	0.050	18.427	0.032	32.723	-0.039	32.752	-0.022	32.762	0.002	32.816	0.055
18.483	0.061	18.542	0.100	18.579	0.138	18.634	0.161	32.892	0.059	32.962	0.054	33.035	0.070	33.116	0.055
18.712	0.140	18.790	0.182	18.843	0.236	18.883	0.301	33.186	0.067	33.253	0.061	33.308	0.036	33.353	-0.002
18.906	0.354	18.969	0.381	19.017	0.362	19.051	0.268	33.394	-0.034	33.460	-0.063	33.516	-0.070	33.564	-0.036
19.114	0.100	19.140	-0.081	19.180	-0.219	19.239	-0.266	33.620	-0.001	33.701	-0.021	33.753	0.006	33.816	-0.034
19.298	-0.253	19.349	-0.202	19.382	-0.147	19.411	-0.121	33.864	-0.063	33.946	-0.089	34.027	-0.097	34.108	-0.082
19.459	-0.130	19.499	-0.182	19.539	-0.246	19.587	-0.277	34.157	-0.066	34.201	-0.049	34.256	-0.035	34.358	-0.030
19.646	-0.306	19.737	-0.272	19.788	-0.215	19.806	-0.185	34.483	-0.026	34.556	-0.011	34.596	0.002	34.633	0.010
19.889	-0.184	19.933	-0.137	19.980	-0.093	20.057	-0.042	34.740	0.001	34.817	0.015	34.913	0.027	34.983	0.022
20.111	-0.031	20.151	0.035	20.173	0.073	20.229	0.121	35.090	0.031	35.194	0.019	35.325	-0.011	35.407	0.004
20.258	0.174	20.306	0.237	20.372	0.270	20.428	0.234	35.500	0.024	35.552	0.038	35.616	0.055	35.690	0.054
20.461	0.169	20.513	0.112	20.546	0.030	20.609	-0.019	35.821	0.035	35.895	0.022	35.955	0.038	36.029	0.045
20.668	0.045	20.713	0.082	20.750	0.113	20.824	0.151	36.130	0.051	36.252	0.028	36.349	0.003	36.404	0.014

36.516	-0.004	36.575	0.020	36.675	0.052	36.821	0.036	63.082	0.010	63.163	-0.015	63.237	-0.022	63.394	-0.009
36.926	-0.027	37.027	0.005	37.098	-0.021	37.184	-0.044	63.531	-0.004	63.684	0.012	63.819	0.036	64.000	0.039
37.229	-0.076	37.311	-0.074	37.379	-0.035	37.438	0.005	64.165	0.024	64.360	0.031	64.580	0.029	64.683	0.024
37.506	-0.033	37.603	0.045	37.659	0.029	37.756	-0.017	64.785	0.019	64.960	0.017	65.052	0.001	65.151	-0.016
37.830	-0.020	37.901	-0.003	37.998	0.021	38.076	-0.003	65.296	-0.014	65.359	-0.006	65.404	-0.011	65.501	-0.003
38.135	-0.024	38.198	-0.052	38.294	-0.076	38.372	-0.045	65.657	0.002	65.649	0.007	65.713	0.014	65.807	0.021
38.456	-0.031	38.541	-0.017	38.626	-0.003	38.719	0.020	65.863	0.024	65.908	0.026	65.961	0.030	66.013	0.037
38.763	0.008	38.900	-0.017	39.022	-0.023	39.137	-0.007	66.073	0.039	66.144	0.029	66.206	0.024	66.264	0.020
39.226	0.009	39.357	0.025	39.510	0.037	39.640	0.034	66.325	0.013	66.400	0.002	66.461	-0.010	66.526	-0.020
39.763	0.017	39.878	0.001	40.015	0.025	40.097	0.008	66.591	-0.017	66.652	-0.015	66.697	-0.018	66.764	-0.022
40.198	-0.008	40.361	0.002	40.436	0.022	40.525	0.049	66.805	-0.024	66.872	-0.026	66.924	-0.018	67.006	-0.006
40.670	0.075	40.814	0.044	40.920	0.024	41.064	0.021	67.054	-0.003	67.110	0.004	67.136	0.013	67.200	0.023
41.188	0.030	41.265	0.018	41.393	0.033	41.571	0.013	67.282	0.026	67.365	0.027	67.417	0.025	67.481	0.031
41.686	0.003	41.755	-0.021	41.862	-0.046	41.984	-0.076	67.552	0.034	67.597	0.036	67.671	0.022	67.737	0.014
42.140	-0.035	42.249	-0.011	42.380	-0.010	42.474	-0.010	67.833	0.011	67.884	0.009	67.947	0.011	67.994	0.011
42.650	0.010	42.766	-0.007	42.912	-0.007	42.983	0.006	68.097	0.017	68.167	0.018	68.258	0.012	68.346	0.006
43.024	0.025	43.125	0.017	43.210	0.035	43.325	0.062	68.426	0.017	68.525	0.029	68.631	0.030	68.722	0.025
43.402	0.052	43.468	0.034	43.550	0.009	43.638	-0.022	68.840	0.028	68.927	0.021	69.014	0.014	69.128	0.014
43.708	-0.036	43.823	-0.043	43.930	-0.052	44.040	-0.022	69.227	0.014	69.314	0.001	69.397	-0.017	69.455	-0.022
44.133	0.001	44.226	0.011	44.297	0.026	44.371	0.007	69.535	-0.013	69.632	-0.004	69.698	-0.006	69.767	-0.020
44.461	-0.013	44.565	0.003	44.651	0.019	44.767	0.003	69.891	-0.018	69.979	-0.017	70.063	-0.025	70.169	-0.033
44.898	-0.022	45.022	0.002	45.104	-0.005	45.201	0.011	70.287	-0.029	70.383	-0.024	70.487	-0.013	70.550	-0.004
45.283	0.037	45.410	0.020	45.481	0.033	45.559	0.048	70.768	0.003	70.883	0.004	70.979	0.007	71.100	-0.001
45.645	0.033	45.781	0.004	45.848	-0.022	45.925	-0.032	71.200	0.003	71.295	0.012	71.376	0.019	71.453	0.028
46.014	-0.037	46.110	-0.035	46.235	-0.025	46.346	-0.011	71.542	0.031	71.615	0.036	71.732	0.041	71.834	0.032
46.442	0.010	46.597	0.015	46.711	0.027	46.877	0.051	71.968	0.025	72.074	0.013	72.191	0.005	72.312	0.003
47.032	0.031	47.205	0.018	47.344	0.005	47.520	0.016	72.419	-0.003	72.559	-0.001	72.633	0.004	72.714	-0.003
47.644	0.029	47.758	0.054	47.853	0.070	47.993	0.039	72.877	-0.003	73.110	0.008	73.110	0.016	73.210	0.017
48.089	0.008	48.166	-0.015	48.278	-0.040	48.365	-0.055	73.358	0.012	73.494	0.005	73.649	-0.008	73.787	-0.008
48.473	-0.039	48.608	-0.011	48.686	0.004	48.801	0.012	73.913	-0.008	73.980	-0.008	74.069	-0.013	74.199	-0.020
48.913	0.002	49.031	-0.020	49.143	-0.048	49.245	-0.043	74.514	0.017	74.620	0.017	74.722	0.017	74.792	0.016
49.394	-0.029	49.518	-0.016	49.619	-0.019	49.790	-0.027	74.828	0.014	74.924	0.008	75.019	0.005	75.143	0.005
49.920	-0.015	50.042	0.003	50.117	0.023	50.221	0.041	75.254	0.005	75.354	0.005	75.458	0.005	75.514	0.004
50.341	0.062	50.464	0.044	50.662	0.021	50.812	0.027	75.592	-0.004	75.666	-0.007	75.743	-0.007	75.834	-0.007
50.980	0.012	51.105	0.010	51.219	-0.004	51.368	0.005	75.918	-0.007	75.998	-0.007	76.105	-0.006	76.181	-0.005
51.531	-0.001	51.658	-0.038	51.836	-0.026	51.974	-0.002	76.349	-0.005	76.475	-0.005	76.586	-0.001	76.679	-0.001
52.074	0.023	52.248	0.041	52.417	0.038	52.601	0.019	76.789	-0.003	76.869	-0.004	76.942	0.006	77.022	0.017
52.783	0.015	52.902	-0.016	53.003	-0.034	53.145	-0.032	77.142	0.030	77.242	0.035	77.376	0.027	77.461	0.025
53.282	0.004	53.408	0.008	53.616	0.021	53.827	0.035	77.592	0.020	77.711	0.013	77.867	0.007	77.986	0.006
53.682	0.055	54.145	0.049	54.285	0.034	54.415	0.025	78.079	0.007	78.180	0.010	78.299	0.010	78.389	0.015
54.500	0.021	54.593	0.009	54.663	-0.006	54.756	-0.019	78.464	0.011	78.564	0.010	78.661	0.012	78.796	0.004
54.885	-0.040	55.011	-0.051	55.141	-0.025	55.233	-0.012	78.928	-0.009	79.052	-0.015	79.151	-0.012	79.230	-0.012
55.391	-0.013	55.517	-0.029	55.594	-0.020	55.704	-0.023	79.316	-0.016	79.388	-0.016	79.456	-0.016	79.561	-0.012
55.828	-0.035	55.931	-0.014	56.044	0.011	56.209	0.008	79.564	-0.014	79.672	-0.017	79.746	-0.020	79.863	-0.014
56.320	0.028	56.482	0.037	56.644	0.032	56.737	0.029	79.977	-0.008	80.072	0.002	80.186	0.014	80.317	0.024
56.899	0.017	57.023	0.033	57.154	0.064	57.265	0.069	80.444	0.027	80.548	0.017	80.696	0.012	80.839	0.009
57.398	0.077	57.528	0.078	57.658	0.065	57.833	0.053	80.949	0.008	81.043	0.007	81.125	0.011	81.223	0.007
57.995	0.038	58.123	0.028	58.203	-0.007	58.309	-0.043	81.324	0.003	81.444	0.004	81.585	0.003	81.713	0.0
58.385	-0.056	58.491	-0.031	58.626	-0.014	58.764	-0.024	81.832	-0.004	81.969	-0.008	82.072	-0.008	82.210	-0.007
58.920	-0.040	59.062	-0.070	59.197	-0.063	59.340	-0.055	82.324	-0.008	82.441	-0.004	82.618	0.004	82.772	0.009
59.502	-0.047	59.608	-0.030	59.741	0.018	59.849	0.034	82.878	0.012	83.045	0.009	83.186	0.005	83.380	0.009
60.047	0.058	60.162	0.050	60.310	0.032	60.465	0.036	83.469	0.017	83.566	0.017	83.693	0.012	83.792	0.002
60.602	0.058	60.756	0.063	60.897	0.054	61.071	0.051	83.825	0.005	83.973	-0.003	84.093	0.003	84.058	0.006
61.238	0.051	61.409	0.048	61.606	0.033	61.722	0.012	84.124	0.009	84.213	0.008	84.295	0.001	84.370	-0.006
61.849	-0.016	62.020	-0.025	62.238	-0.012	62.441	0.0	84.444	-0.014	84.504	-0.015	84.578	-0.012	84.649	-0.012
62.592	0.012	62.749	0.028	62.903	0.036	62.995	0.024	84.690	-0.012	84.758	-0.011	84.832	-0.011	84.892	-0.015

84.974	-0.026	85.042	-0.022	85.124	-0.014	85.184	-0.006	109.469	0.001	109.647	0.006	109.800	0.002	109.970	-0.002
85.276	-0.001	85.336	-0.003	85.406	-0.008	85.510	0.014	110.183	-0.003	110.386	-0.008	110.534	-0.015	110.658	-0.018
85.584	0.020	85.636	0.027	85.739	0.030	85.838	0.022	110.741	-0.026	110.869	-0.023	111.019	-0.026	111.169	-0.023
85.915	0.015	85.992	0.009	86.047	0.001	86.120	-0.002	111.309	-0.019	111.437	-0.021	111.573	-0.020	111.661	-0.021
86.186	-0.001	86.238	0.006	86.307	0.002	86.348	0.001	111.795	-0.019	111.933	-0.022	112.096	-0.022	112.186	-0.020
86.403	0.001	86.502	0.002	86.561	0.009	86.635	0.010	112.313	-0.018	112.440	-0.010	112.600	-0.006	112.732	-0.003
86.701	0.005	86.776	-0.002	86.847	-0.006	86.936	-0.002	112.830	0.002	112.954	0.006	113.056	0.006	113.176	0.002
87.040	0.002	87.148	0.002	87.238	0.001	87.310	0.006	113.299	-0.004	113.447	0.0	113.618	0.0	113.783	0.003
87.370	0.014	87.422	0.019	87.482	0.016	87.583	0.008	113.927	-0.001	114.038	-0.002	114.204	-0.001	114.345	0.003
87.692	-0.004	87.770	-0.013	87.874	-0.018	87.963	-0.021	114.526	0.007	114.721	0.006	114.855	0.003	115.022	-0.002
88.063	-0.001	88.159	-0.008	88.248	-0.004	88.344	-0.004	115.238	-0.007	115.424	-0.011	115.532	-0.013	115.658	-0.016
88.428	-0.001	88.502	0.004	88.565	0.003	88.631	0.003	115.851	-0.016	116.048	-0.024	116.167	-0.031	116.329	-0.032
88.693	0.004	88.767	0.006	88.844	0.002	88.921	-0.007	116.461	-0.029	116.572	-0.025	116.713	-0.023	116.870	-0.017
88.988	-0.015	89.068	-0.020	89.142	-0.013	89.197	-0.009	117.012	-0.013	117.105	-0.011	117.191	-0.008	117.331	-0.005
89.274	-0.017	89.341	-0.017	89.437	-0.020	89.507	-0.013	117.488	-0.009	117.620	-0.016	117.732	-0.018	117.836	-0.018
89.580	-0.007	89.654	0.0	89.747	0.008	89.832	0.016	117.932	-0.018	118.055	-0.018	118.147	-0.018	118.248	-0.018
89.936	0.020	90.014	0.020	90.092	0.020	90.177	0.020	118.348	-0.015	118.437	-0.012	118.537	-0.010	118.633	-0.012
90.237	0.017	90.315	0.013	90.408	0.009	90.512	0.003	118.723	-0.008	118.806	-0.006	118.892	-0.003	118.971	0.0
90.601	-0.004	90.701	-0.008	90.785	-0.011	90.840	-0.011	119.020	0.005	119.046	0.006	119.091	0.009		
90.928	-0.012	91.027	-0.012	91.133	-0.008	91.253	-0.001								
91.341	0.004	91.439	0.003	91.537	0.001	91.636	0.001								
91.755	-0.002	91.872	-0.006	92.003	-0.007	92.143	-0.007								
92.270	-0.010	92.360	-0.011	92.498	-0.008	92.611	-0.006								
92.759	0.001	92.814	0.002	92.992	0.014	93.139	0.017								
93.319	0.018	93.469	0.018	93.638	0.010	93.795	0.001								
93.978	-0.017	94.131	-0.017	94.305	-0.014	94.460	-0.014								
94.593	-0.014	94.715	-0.015	94.849	-0.015	95.006	-0.012								
95.148	-0.022	95.242	-0.029	95.395	-0.018	95.493	-0.007								
95.605	0.003	95.698	0.011	95.838	0.015	95.937	0.007								
96.029	0.016	96.113	0.022	96.209	0.019	96.254	0.019								
96.378	0.019	96.459	0.021	96.588	0.018	96.654	0.020								
96.754	0.017	96.870	0.010	96.933	0.006	97.041	0.004								
97.116	0.003	97.201	-0.001	97.292	-0.002	97.395	-0.006								
97.461	-0.005	97.553	-0.008	97.619	-0.009	97.757	-0.010								
97.862	-0.012	98.022	-0.017	98.163	-0.020	98.324	-0.024								
98.444	-0.032	98.605	-0.021	98.696	-0.013	98.803	-0.003								
98.877	0.0	99.020	0.004	99.116	0.001	99.228	0.004								
99.326	0.005	99.479	0.001	99.599	0.007	99.742	0.009								
99.900	0.003	100.062	0.010	100.223	-0.002	100.427	-0.011								
100.613	-0.013	100.786	-0.012	100.961	-0.016	101.129	-0.009								
101.254	0.002	101.415	0.013	101.558	0.002	101.712	0.002								
101.802	0.008	101.935	0.003	102.054	0.0	102.181	-0.011								
102.302	-0.012	102.468	-0.007	102.558	-0.003	102.789	-0.009								
102.933	-0.009	103.029	-0.008	103.151	-0.016	103.232	-0.010								
103.346	-0.010	103.459	-0.010	103.569	-0.011	103.686	-0.013								
103.787	-0.007	103.907	-0.001	104.055	0.003	104.188	-0.001								
104.326	-0.005	104.482	-0.002	104.628	-0.001	104.744	0.0								
104.861	0.0	104.996	0.0	105.084	-0.004	105.208	0.0								
105.303	0.0	105.409	-0.005	105.556	-0.008	105.644	-0.008								
105.854	-0.010	105.983	-0.017	106.156	-0.021	106.301	-0.020								
106.436	-0.016	106.553	-0.014	106.648	-0.010	106.784	-0.014								
106.876	-0.012	107.027	-0.005	107.179	0.0	107.250	0.003								
107.392	0.002	107.448	0.001	107.556	0.001	107.668	0.004								
107.788	0.004	107.904	0.004	108.086	0.001	108.191	-0.002								
108.323	-0.001	108.454	-0.001	108.589	0.0	108.735	0.0								
108.866	-0.002	109.005	-0.002	109.136	0.001	109.310	0.001								

1726 FCINTS 119.147 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.1130 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.067	0.026	-0.020	0.037	0.025	0.063	0.060	3.611	-0.530	3.626	-0.138	3.663	-0.029	3.690	-0.179
0.037	0.037	0.149	0.058	0.198	0.038	0.262	0.066	3.727	-0.453	3.743	-0.550	3.773	-0.303	3.818	-0.166
0.012	0.0285	0.308	-0.071	0.319	-0.017	0.345	0.040	3.893	-0.005	3.924	0.077	3.954	0.266	3.973	0.389
0.376	-0.021	0.402	-0.055	0.425	-0.092	0.451	-0.055	3.976	0.232	3.988	0.178	4.007	0.244	4.052	0.092
0.467	-0.022	0.489	-0.073	0.501	-0.110	0.546	-0.169	4.075	-0.083	4.086	-0.239	4.105	-0.417	4.158	-0.587
0.565	-0.093	0.580	-0.054	0.607	-0.097	0.648	-0.040	4.191	-0.712	4.214	-0.443	4.240	-0.279	4.244	-0.078
0.656	-0.013	0.682	-0.056	0.701	-0.098	0.724	-0.137	4.255	0.192	4.270	-0.174	4.297	-0.471	4.319	-0.138
0.742	-0.084	0.757	-0.039	0.772	-0.007	0.788	-0.015	4.349	0.164	4.368	0.429	4.383	0.682	4.409	0.419
0.799	0.026	0.814	0.011	0.829	-0.025	0.844	-0.073	4.447	0.567	4.481	0.602	4.488	0.217	4.436	-0.022
0.855	-0.111	0.859	-0.146	0.874	-0.198	0.893	-0.242	4.500	-0.123	4.519	0.078	4.552	-0.139	4.571	0.082
0.908	-0.218	0.919	-0.166	0.934	-0.127	0.946	-0.092	4.586	0.240	4.631	0.414	4.646	0.449	4.665	0.293
0.961	-0.063	0.976	-0.040	0.995	-0.074	1.010	-0.106	4.724	-0.141	4.724	-0.141	4.773	-0.027	4.806	0.050
1.1017	-0.152	1.029	-0.184	1.040	-0.223	1.059	-0.180	4.825	-0.040	4.847	-0.099	4.896	-0.058	4.929	-0.187
1.1081	-0.150	1.104	-0.164	1.119	-0.181	1.142	-0.193	4.955	-0.361	4.962	-0.476	4.988	-0.087	5.000	0.132
1.168	-0.188	1.182	-0.162	1.208	-0.112	1.238	-0.078	5.018	0.402	5.040	0.637	5.078	0.774	5.104	0.850
1.263	-0.027	1.282	0.0	1.296	0.041	1.322	0.073	5.126	-0.649	5.182	0.439	5.215	0.265	5.260	0.215
1.337	0.114	1.366	0.149	1.381	0.051	1.403	-0.064	5.266	0.079	5.288	-0.104	5.314	-0.191	5.333	-0.080
1.429	-0.164	1.447	-0.253	1.465	-0.135	1.491	-0.046	5.344	0.125	5.358	0.216	5.380	0.267	5.398	0.291
1.506	-0.007	1.543	-0.046	1.572	0.012	1.598	0.034	5.414	0.240	5.428	0.155	5.450	0.082	5.469	0.001
1.616	0.059	1.649	0.093	1.690	0.106	1.716	0.033	5.491	-0.065	5.506	-0.162	5.535	-0.227	5.559	-0.081
1.734	-0.075	1.767	-0.170	1.786	-0.073	1.808	0.070	5.565	-0.046	5.576	-0.025	5.579	-0.161	5.605	-0.229
1.837	0.158	1.841	0.231	1.856	0.144	1.871	0.028	5.635	0.106	5.657	0.044	5.667	0.168	5.678	0.266
1.885	-0.036	1.911	0.009	1.930	0.029	1.948	0.017	5.686	0.183	5.700	0.046	5.714	-0.052	5.722	-0.135
2.037	0.065	2.037	0.075	2.077	0.013	2.111	0.068	5.740	-0.180	5.762	-0.201	5.776	-0.151	5.798	-0.105
2.129	0.140	2.151	0.096	2.166	-0.134	2.181	-0.251	5.827	-0.062	5.852	0.046	5.870	0.125	5.881	0.211
2.2196	-0.073	2.237	0.113	2.281	0.183	2.296	0.115	5.899	0.331	5.917	0.273	5.939	0.203	5.971	0.150
2.2311	0.065	2.337	0.092	2.359	0.034	2.385	-0.033	6.004	0.024	6.094	0.165	6.044	0.272	6.062	0.112
2.2419	-0.150	2.434	-0.179	2.456	-0.120	2.482	-0.035	6.080	0.029	6.094	0.184	6.112	0.299	6.133	0.390
2.2501	-0.169	2.508	-0.307	2.519	-0.485	2.530	-0.573	6.145	0.146	6.177	0.016	6.191	-0.124	6.209	-0.008
2.2549	-0.299	2.564	-0.074	2.582	-0.025	2.601	0.020	6.226	-0.199	6.241	-0.249	6.259	-0.124	6.287	-0.036
2.2627	0.114	2.642	0.207	2.668	0.269	2.697	0.211	6.326	-0.003	6.358	0.099	6.368	-0.014	6.379	-0.119
2.2748	0.327	2.770	0.254	2.792	0.321	2.814	0.123	6.415	-0.245	6.436	-0.121	6.471	-0.080	6.507	-0.022
2.2828	-0.106	2.843	-0.192	2.861	-0.159	2.887	-0.331	6.528	-0.084	6.546	-0.121	6.599	-0.014	6.645	0.156
2.2909	-0.494	2.938	-0.379	2.960	-0.492	2.993	-0.567	6.663	0.369	6.674	0.508	6.699	0.363	6.732	0.238
3.048	-0.622	3.095	-0.563	3.128	-0.230	3.150	0.161	6.742	0.143	6.753	0.040	6.775	-0.019	6.815	0.051
3.3172	0.264	3.202	0.174	3.254	0.284	3.301	0.077	6.829	0.232	6.865	0.263	6.883	0.214	6.923	0.378
3.3353	0.231	3.386	0.080	3.405	-0.088	3.420	-0.102	6.937	0.467	6.955	0.295	6.995	0.131	7.028	0.045
3.456	-0.065	3.475	-0.098	3.490	0.001	3.504	0.058	7.053	0.175	7.096	0.305	7.125	0.494	7.150	0.369
3.5563	0.057	3.523	-0.433	3.541	-0.167	3.552	0.003	7.169	0.113	7.188	-0.174	7.211	-0.307	7.237	-0.249
		3.578	-0.260	3.586	-0.601	3.600	-0.823	7.279	-0.362	7.320	-0.474	7.358	0.521	7.400	-0.609

7.426	-0.707	7.453	-0.769	7.483	-0.883	7.513	-0.998	14.633	-0.468	14.711	-0.371	14.756	-0.257	14.782	-0.141
7.543	-0.908	7.570	-0.849	7.589	-0.795	7.619	-0.763	14.819	-0.037	14.864	0.006	14.879	0.176	14.909	0.268
7.634	-0.711	7.653	-0.676	7.668	-0.622	7.679	-0.584	14.946	0.377	14.975	0.530	15.013	0.631	15.057	0.558
7.694	-0.617	7.725	-0.576	7.770	-0.524	7.800	-0.510	15.094	0.489	15.113	0.440	15.135	0.373	15.161	0.320
7.819	-0.022	7.861	-0.088	7.902	0.004	7.929	0.084	15.180	0.258	15.213	0.196	15.246	0.114	15.276	0.046
7.948	-0.037	7.978	-0.145	8.027	-0.008	8.069	0.100	15.301	-0.031	15.320	-0.100	15.346	-0.158	15.385	-0.077
8.103	0.004	8.122	-0.061	8.170	-0.209	8.200	-0.155	15.408	-0.158	15.434	-0.218	15.464	-0.310	15.486	-0.261
8.244	0.066	8.280	0.026	8.324	-0.080	8.350	0.076	15.530	-0.191	15.571	-0.113	15.604	-0.057	15.637	-0.028
8.376	0.180	8.397	0.297	8.441	0.418	8.460	0.495	15.674	-0.094	15.714	-0.041	15.758	0.003	15.795	0.040
8.496	0.397	8.533	0.266	8.559	0.165	8.588	0.050	15.843	-0.006	15.865	-0.040	15.916	-0.017	15.968	0.018
8.625	-0.090	8.654	0.086	8.691	0.185	8.720	0.263	15.993	0.048	16.030	0.027	16.085	0.003	16.133	0.054
8.738	0.377	8.767	0.502	8.789	0.572	8.841	0.532	16.155	0.117	16.184	0.181	16.213	0.254	16.239	0.219
8.866	0.428	8.885	0.378	8.899	0.258	8.925	0.273	16.272	0.152	16.308	0.234	16.334	0.159	16.360	0.085
8.951	0.226	8.987	0.149	8.987	-0.011	8.998	-0.011	16.389	0.031	16.414	0.057	16.444	-0.031	16.466	-0.093
9.013	-0.117	9.039	-0.035	9.064	-0.141	9.090	-0.257	16.517	-0.137	16.540	-0.121	16.575	-0.150	16.600	-0.185
9.123	-0.169	9.159	-0.060	9.206	-0.099	9.243	0.058	16.663	-0.160	16.700	-0.219	16.744	-0.133	16.762	-0.051
9.268	-0.048	9.304	0.043	9.351	-0.072	9.431	0.291	16.806	-0.063	16.843	-0.011	16.865	0.042	16.898	0.136
9.388	0.132	9.398	0.250	9.420	0.233	9.431	0.291	16.916	0.245	16.964	0.228	17.038	0.291	17.048	0.262
9.446	0.338	9.464	0.313	9.485	0.361	9.507	0.423	17.074	0.225	17.092	0.264	17.144	0.304	17.166	0.263
9.540	0.402	9.576	0.438	9.605	0.494	9.638	0.451	17.233	0.236	17.299	0.202	17.344	0.167	17.362	0.095
9.563	0.369	9.666	0.178	9.681	0.147	9.698	0.123	17.396	0.154	17.433	0.095	17.462	0.038	17.481	0.019
9.709	0.060	9.744	-0.010	9.783	-0.017	9.798	-0.072	17.521	0.047	17.558	0.012	17.581	-0.038	17.610	0.019
9.815	-0.108	9.886	-0.059	9.915	-0.126	9.939	-0.159	17.651	0.052	17.670	0.012	17.725	-0.020	17.773	0.034
9.964	-0.209	9.996	-0.246	10.010	-0.192	10.046	-0.072	17.788	-0.009	17.810	-0.064	17.854	-0.106	17.891	-0.068
10.078	-0.132	10.131	-0.050	10.163	0.023	10.182	0.167	17.936	-0.115	17.962	-0.156	17.984	-0.091	18.024	-0.060
10.219	0.293	10.234	0.178	10.252	0.060	10.271	0.168	18.073	-0.060	18.098	-0.084	18.155	-0.113	18.198	-0.149
10.322	0.270	10.341	0.184	10.374	0.071	10.408	0.187	18.235	-0.178	18.276	-0.221	18.313	-0.276	18.357	-0.212
10.426	0.033	10.441	-0.139	10.467	-0.198	10.519	-0.246	18.394	-0.158	18.427	-0.091	18.468	-0.039	18.512	0.020
10.559	-0.197	10.567	-0.163	10.585	-0.117	10.608	-0.060	18.553	0.004	18.586	0.061	18.612	0.127	18.642	0.079
10.652	-0.096	10.702	-0.141	10.740	-0.173	10.786	-0.094	18.672	0.033	18.727	0.078	18.779	0.054	18.824	0.031
10.825	-0.023	10.840	0.050	10.886	-0.002	10.928	-0.062	18.839	0.001	18.857	0.048	18.880	0.083	18.921	0.039
10.971	0.018	11.001	-0.017	11.047	0.048	11.078	0.179	18.950	0.093	18.995	0.119	19.014	0.162	19.036	0.213
11.093	0.099	11.124	0.037	11.173	0.097	11.195	0.026	19.062	0.168	19.092	0.227	19.106	0.256	19.151	0.207
11.232	-0.140	11.277	-0.265	11.302	-0.231	11.347	-0.130	19.210	0.233	19.254	0.197	19.283	0.156	19.320	0.225
11.406	-0.183	11.443	-0.082	11.476	-0.058	11.505	-0.091	19.342	0.270	19.375	0.244	19.419	0.278	19.477	0.248
11.542	0.019	11.561	0.130	11.601	0.210	11.627	0.131	19.514	0.299	19.565	0.352	19.638	0.307	19.671	0.289
11.642	0.063	11.671	0.016	11.682	0.042	11.704	0.028	19.689	0.249	19.711	0.175	19.758	0.116	19.788	0.058
11.726	-0.148	11.784	-0.184	11.828	-0.090	11.846	-0.059	19.806	0.015	19.824	0.030	19.849	-0.003	19.857	-0.059
11.868	-0.078	11.901	-0.025	11.915	0.018	11.926	-0.047	19.882	-0.125	19.929	-0.091	19.973	-0.138	20.002	-0.175
11.955	-0.121	12.006	-0.051	12.039	-0.133	12.076	-0.173	20.031	-0.210	20.071	-0.228	20.100	-0.245	20.115	-0.281
12.123	-0.109	12.152	-0.184	12.189	-0.252	12.253	-0.257	20.162	-0.241	20.214	-0.283	20.254	-0.322	20.295	-0.348
12.264	-0.198	12.286	-0.131	12.301	-0.053	12.334	-0.006	20.332	-0.321	20.395	-0.284	20.428	-0.203	20.472	-0.169
12.368	-0.099	12.409	-0.042	12.446	0.019	12.461	0.185	20.516	-0.203	20.546	-0.192	20.572	-0.228	20.601	-0.268
12.510	0.098	12.543	0.145	12.577	0.072	12.603	-0.004	20.620	-0.225	20.657	-0.195	20.698	-0.222	20.739	-0.182
12.621	0.078	12.658	0.153	12.684	0.093	12.717	0.174	20.780	-0.130	20.806	-0.085	20.847	-0.023	20.873	0.039
12.747	0.229	12.783	0.329	12.806	0.264	12.868	0.342	20.899	0.047	20.925	0.115	20.943	0.203	20.958	0.261
12.883	0.513	12.945	0.556	12.982	0.603	13.026	0.525	21.003	0.246	21.033	0.284	21.059	0.304	21.092	0.251
13.067	0.557	13.114	0.425	13.158	0.294	13.166	0.163	21.111	0.203	21.133	0.156	21.156	0.115	21.182	0.166
13.199	0.086	13.246	0.222	13.268	0.145	13.298	0.088	21.215	0.220	21.249	0.155	21.289	0.119	21.334	0.080
13.334	0.232	13.367	0.404	13.400	0.450	13.441	0.368	21.363	0.035	21.404	-0.008	21.456	-0.053	21.512	-0.076
13.499	0.522	13.543	0.319	13.572	0.214	13.605	0.103	21.560	-0.042	21.649	-0.065	21.686	-0.028	21.770	-0.055
13.631	0.016	13.672	-0.042	13.705	-0.004	13.735	-0.101	21.846	-0.026	21.923	-0.031	21.977	0.013	22.039	-0.020
13.818	-0.166	13.852	-0.234	13.901	-0.112	13.946	-0.220	22.076	-0.007	22.130	0.009	22.185	0.015	22.219	0.012
13.998	-0.100	14.036	-0.238	14.077	-0.320	14.137	-0.411	22.224	0.051	22.253	0.093	22.278	0.065	22.329	0.039
14.197	-0.495	14.261	-0.574	14.325	-0.618	14.408	-0.556	22.372	-0.001	22.397	-0.042	22.415	-0.085	22.448	-0.123
14.438	-0.513	14.494	-0.609	14.528	-0.728	14.588	-0.586	22.491	-0.054	22.509	-0.007	22.534	-0.045	22.570	-0.076

22.610	-0.031	22.642	0.004	22.668	0.031	22.722	0.019	32.207	0.009	32.255	0.043	32.315	0.027	32.356	-0.007
22.762	0.036	22.825	0.049	22.857	0.069	22.876	0.080	32.393	-0.029	32.437	-0.073	32.478	-0.112	32.538	-0.103
22.908	0.048	22.938	0.013	22.952	-0.011	22.985	0.027	32.579	-0.079	32.631	-0.053	32.693	-0.069	32.738	-0.041
23.007	0.041	23.040	0.013	23.084	-0.012	23.102	-0.004	32.759	-0.026	32.804	-0.050	32.888	-0.070	32.943	-0.084
23.142	0.014	23.190	0.027	23.227	0.047	23.280	0.042	32.995	-0.058	33.021	-0.031	33.057	-0.019	33.072	0.002
23.306	0.049	23.360	0.028	23.399	0.004	23.440	-0.018	33.098	-0.005	33.168	0.037	33.212	0.018	33.271	0.047
23.484	-0.052	23.537	-0.042	23.592	-0.048	23.645	-0.026	33.301	0.072	33.346	0.063	33.394	0.105	33.423	0.085
23.686	0.004	23.738	-0.007	23.787	0.027	23.825	0.066	33.460	0.058	33.520	0.043	33.568	0.027	33.620	0.056
23.844	0.041	23.885	0.016	23.915	0.032	23.930	0.012	33.686	0.080	33.753	0.100	33.812	0.112	33.864	0.105
23.949	-0.015	23.968	-0.055	23.994	-0.047	24.013	-0.084	33.923	0.088	33.964	0.049	33.997	0.018	34.020	-0.001
24.069	-0.131	24.107	-0.156	24.148	-0.119	24.226	-0.090	34.053	0.022	34.097	-0.016	34.131	0.004	34.168	-0.024
24.279	-0.063	24.308	-0.036	24.364	-0.008	24.394	0.022	34.215	-0.031	34.259	-0.038	34.299	-0.026	34.325	-0.039
24.446	0.001	24.487	0.026	24.510	0.064	24.558	0.037	34.362	-0.009	34.402	0.039	34.457	0.048	34.508	0.030
24.588	-0.018	24.618	-0.060	24.632	0.086	24.658	0.037	34.541	0.013	34.607	0.028	34.677	0.012	34.718	-0.014
24.696	-0.010	24.729	-0.030	24.759	0.004	24.796	-0.015	34.765	-0.045	34.839	-0.023	34.928	-0.045	35.013	-0.029
24.855	-0.008	24.900	-0.004	24.940	0.032	24.966	0.090	35.105	-0.047	35.216	-0.048	35.302	-0.054	35.351	-0.024
24.992	0.142	25.022	0.071	25.056	0.032	25.093	0.048	35.384	0.006	35.425	-0.008	35.459	0.036	35.485	0.083
25.137	0.0	25.148	-0.046	25.230	-0.036	25.300	-0.048	35.541	0.066	35.593	0.102	35.638	0.072	35.675	0.035
25.359	-0.025	25.396	-0.013	25.426	0.043	25.456	0.031	35.735	0.054	35.802	0.018	35.869	0.041	35.910	0.014
25.489	0.066	25.511	0.089	25.526	0.114	25.563	0.090	35.973	-0.010	36.037	-0.037	36.096	-0.034	36.159	-0.010
25.622	0.055	25.648	0.083	25.678	0.055	25.715	0.027	36.230	0.004	36.286	-0.009	36.349	-0.011	36.427	0.026
25.744	-0.001	25.777	0.037	25.817	0.022	25.869	-0.011	36.542	0.028	36.557	0.036	36.720	0.050	36.765	0.062
25.913	0.017	25.968	-0.001	26.005	-0.026	26.067	-0.049	36.814	-0.042	36.844	-0.015	36.896	-0.017	36.956	-0.031
26.152	-0.038	26.204	-0.025	26.290	-0.048	26.346	-0.076	37.042	-0.027	37.124	-0.005	37.203	-0.012	37.300	0.026
26.402	-0.104	26.473	-0.073	26.563	-0.073	26.604	-0.035	37.394	0.024	37.453	0.006	37.521	-0.014	37.573	-0.033
26.687	-0.062	26.743	-0.033	26.815	-0.067	26.879	-0.010	37.637	-0.041	37.741	-0.043	37.819	-0.031	37.871	0.008
26.924	-0.039	27.007	-0.062	27.071	-0.077	27.112	-0.034	37.931	-0.007	37.998	0.014	38.079	0.046	38.132	0.031
27.120	-0.009	27.154	-0.016	27.180	0.020	27.205	0.040	38.194	0.061	38.239	0.085	38.294	0.064	38.346	0.050
27.253	0.067	27.272	0.097	27.298	0.130	27.353	0.106	38.442	0.022	38.541	0.016	38.611	0.026	38.719	0.007
27.419	0.124	27.500	0.154	27.566	0.173	27.636	0.184	38.811	0.032	38.878	0.061	38.937	0.090	39.030	0.062
27.702	0.173	27.734	0.158	27.795	0.133	27.806	0.117	39.126	0.026	39.182	0.041	39.226	0.031	39.282	0.052
27.842	0.127	27.856	0.106	27.929	0.077	27.950	0.057	39.327	0.047	39.383	0.067	39.445	-0.051	39.517	0.031
27.979	0.062	28.001	0.020	28.030	-0.033	28.066	-0.053	39.558	0.009	39.599	0.025	39.655	-0.003	39.688	-0.014
28.127	-0.056	28.163	-0.034	28.196	0.0	28.221	-0.014	39.737	-0.015	39.792	-0.045	39.874	-0.083	39.963	-0.068
28.254	0.013	28.283	0.023	28.322	0.001	28.366	0.015	40.045	-0.051	40.145	-0.070	40.321	-0.094	40.462	-0.082
28.413	0.057	28.460	0.040	28.504	0.050	28.536	0.036	40.589	-0.097	40.556	-0.112	40.737	-0.083	40.814	-0.058
28.576	0.026	28.594	0.010	28.630	0.044	28.674	0.078	40.873	-0.025	40.950	-0.043	41.086	-0.040	41.141	-0.012
28.719	0.060	28.778	0.086	28.793	0.111	28.826	0.063	41.199	0.028	41.287	0.018	41.403	0.043	41.487	0.024
28.871	0.024	28.896	0.044	28.930	0.020	28.971	-0.010	41.611	0.029	41.718	0.028	41.810	0.044	41.896	0.057
28.953	-0.004	29.074	-0.042	29.119	-0.059	29.178	-0.052	41.984	0.071	42.066	0.081	42.151	0.068	42.230	0.057
29.200	-0.112	29.270	-0.084	29.311	-0.066	29.400	-0.061	42.335	0.056	42.440	0.056	42.601	0.049	42.702	0.069
29.429	-0.043	29.477	-0.061	29.544	-0.029	29.614	-0.042	42.822	0.054	42.927	0.072	43.016	0.024	43.080	-0.029
29.717	-0.048	29.776	-0.027	29.817	0.017	29.846	0.041	43.195	-0.011	43.280	-0.044	43.409	-0.068	43.502	-0.024
29.887	0.068	29.931	0.079	29.975	0.061	29.997	0.035	43.564	0.009	43.679	-0.013	43.793	0.021	43.915	-0.006
30.042	0.008	30.082	-0.019	30.126	-0.050	30.156	-0.091	44.029	-0.042	44.114	-0.023	44.222	-0.005	44.364	-0.028
30.219	-0.069	30.278	-0.103	30.322	-0.068	30.341	-0.040	44.498	-0.009	44.610	0.026	44.733	0.024	44.951	0.062
30.378	-0.021	30.418	-0.045	30.477	-0.016	30.573	-0.032	45.097	0.036	45.239	0.0	45.369	-0.040	45.477	-0.027
30.647	-0.030	30.684	-0.017	30.710	0.002	30.768	-0.021	45.641	-0.021	45.785	-0.012	45.892	-0.022	45.940	0.021
30.815	0.008	30.863	0.039	30.903	0.063	30.947	0.089	45.992	0.040	46.080	0.013	46.183	0.039	46.290	0.050
30.972	0.114	31.020	0.154	31.060	0.126	31.111	0.098	46.401	0.025	46.486	0.008	46.645	0.023	46.807	0.003
31.158	0.061	31.195	0.031	31.209	0.008	31.234	0.020	46.973	-0.005	47.124	-0.035	47.282	-0.020	47.530	-0.026
31.267	-0.018	31.289	-0.063	31.314	-0.071	31.357	-0.049	47.739	-0.006	47.872	-0.036	48.004	-0.008	48.143	0.019
31.419	-0.065	31.477	-0.038	31.549	-0.053	31.621	-0.071	48.335	-0.024	48.511	0.024	48.615	0.050	48.746	0.077
31.687	-0.045	31.724	-0.017	31.761	-0.041	31.809	-0.002	48.842	0.041	48.961	-0.005	49.087	-0.026	49.303	-0.001
31.864	0.035	31.897	0.052	31.945	0.022	31.985	-0.003	49.456	0.012	49.550	-0.002	49.678	0.010	49.793	-0.015
32.055	-0.051	32.085	-0.060	32.129	-0.012	32.158	0.032	49.931	-0.007	50.024	0.014	50.113	0.019	50.255	-0.002

50.401	-0.012	50.543	0.009	50.644	-0.010	50.764	-0.039	74.759	0.030	74.931	0.024	75.055	0.024	75.191	0.023
50.885	-0.042	50.991	-0.059	51.167	-0.034	51.308	-0.005	75.321	0.020	75.469	0.014	75.592	0.014	75.732	0.016
51.446	0.016	51.665	0.018	51.791	0.033	51.929	0.023	75.841	0.031	76.026	0.026	76.206	0.015	76.339	0.011
52.085	0.011	52.292	-0.008	52.373	-0.034	52.469	-0.033	76.475	0.005	76.593	0.001	76.668	-0.007	76.756	-0.019
52.561	-0.004	52.716	0.030	52.828	0.026	53.018	0.014	76.872	-0.026	76.966	-0.020	77.036	-0.002	77.164	-0.002
53.208	-0.008	53.323	0.003	53.534	-0.002	53.627	-0.016	77.335	-0.022	77.461	-0.020	77.588	-0.014	77.711	-0.013
53.786	0.008	54.056	0.025	54.200	0.012	54.345	-0.002	77.841	-0.013	77.945	-0.011	78.068	-0.005	78.206	-0.004
54.467	0.021	54.574	0.036	54.685	0.023	54.789	0.007	78.348	0.0	78.449	0.008	78.568	0.006	78.639	0.008
54.882	-0.004	54.971	0.006	55.093	-0.012	55.189	-0.023	78.716	0.008	78.855	0.009	78.957	0.009	79.069	0.009
55.307	-0.030	55.436	-0.030	55.561	0.008	55.671	0.002	79.176	0.010	79.298	0.011	79.446	0.016	79.586	-0.001
55.785	-0.019	55.865	-0.005	55.949	0.013	56.011	0.026	79.713	0.016	79.848	0.022	79.947	0.024	80.069	0.010
56.070	0.037	56.139	0.046	56.231	0.033	56.301	0.044	80.157	-0.011	80.246	-0.005	80.339	0.014	80.421	0.014
56.371	-0.002	56.437	-0.021	56.496	-0.040	56.566	-0.044	80.529	0.014	80.633	0.003	80.692	-0.007	80.843	-0.011
56.633	-0.031	56.711	-0.015	56.822	-0.021	56.915	-0.006	80.971	0.004	81.125	0.005	81.237	0.014	81.357	0.014
57.005	0.010	57.083	0.019	57.158	0.027	57.246	0.017	81.476	-0.014	81.581	-0.009	81.687	-0.002	81.791	0.007
57.313	0.007	57.398	0.007	57.487	0.008	57.598	0.008	82.017	-0.003	82.184	-0.001	82.312	-0.003	82.452	0.005
57.778	0.008	57.778	0.008	57.830	0.003	57.943	-0.001	82.569	0.014	82.728	0.006	82.874	-0.009	82.998	-0.013
58.060	-0.014	58.156	-0.039	58.265	-0.032	58.331	-0.023	83.139	-0.001	83.287	0.009	83.494	0.009	83.635	-0.008
58.454	-0.017	58.549	-0.016	58.666	-0.028	58.749	-0.043	83.814	-0.016	84.003	-0.011	84.176	-0.004	84.355	0.001
58.837	-0.025	58.924	-0.010	58.993	0.008	59.077	0.016	84.485	0.0	84.597	0.011	84.694	0.014	84.806	0.021
59.164	0.025	59.252	0.035	59.366	0.042	59.465	0.052	84.941	0.019	85.030	0.015	85.143	0.014	85.273	0.010
59.582	0.042	59.704	0.055	59.779	0.052	59.782	0.044	85.417	-0.007	85.573	0.003	85.684	0.011	85.783	0.010
59.924	0.023	60.028	0.008	60.136	-0.009	60.240	-0.034	85.911	0.006	86.003	-0.002	86.058	-0.006	86.212	0.006
60.369	-0.004	60.458	0.006	60.602	-0.009	60.679	-0.021	86.403	0.008	86.601	-0.007	86.817	-0.018	87.059	-0.012
60.777	-0.012	60.893	0.011	61.017	0.016	61.162	0.017	87.171	-0.003	87.400	-0.002	87.598	0.007	87.759	0.027
61.318	0.025	61.453	0.010	61.591	-0.002	61.762	-0.022	87.966	0.024	88.074	0.024	88.248	0.007	88.399	-0.010
61.966	-0.013	62.227	-0.006	62.365	-0.003	62.477	-0.013	88.531	-0.023	88.719	-0.029	88.881	-0.035	88.995	-0.043
62.625	-0.014	62.764	-0.016	62.903	-0.028	63.042	-0.031	89.116	-0.030	89.227	-0.004	89.426	0.007	89.562	0.014
63.152	-0.021	63.237	-0.015	63.356	-0.002	63.427	0.008	89.672	0.016	89.743	0.019	89.825	0.016	89.943	0.018
63.539	0.022	63.665	0.037	63.793	0.039	63.951	0.037	90.036	0.025	90.151	0.021	90.274	0.019	90.396	-0.014
64.049	0.014	64.186	0.022	64.342	0.017	64.381	0.007	90.523	0.014	90.657	0.009	90.774	0.005	90.876	0.004
64.452	0.055	64.538	0.038	64.669	0.031	64.806	0.040	90.997	-0.008	91.111	-0.009	91.228	-0.009	91.341	-0.015
64.823	0.038	64.877	0.043	64.925	0.043	65.011	0.039	91.461	-0.008	91.585	0.009	91.676	-0.004	91.849	-0.017
65.138	0.039	65.344	0.027	65.400	0.042	65.508	0.018	92.052	-0.024	92.266	-0.022	92.450	-0.013	92.648	-0.005
65.623	0.010	65.709	0.003	65.777	-0.001	65.848	-0.003	92.752	-0.009	92.836	-0.005	93.021	0.010	93.188	0.012
65.923	-0.005	65.991	-0.010	66.088	-0.011	66.163	-0.018	93.349	0.021	93.465	0.021	93.668	0.024	93.821	0.019
66.231	-0.024	66.314	-0.028	66.411	-0.038	66.512	-0.024	93.970	0.008	94.167	0.002	94.330	0.002	94.463	0.002
66.595	-0.004	66.719	0.006	66.834	0.006	66.920	0.006	94.601	0.001	94.733	-0.002	94.939	-0.002	95.085	-0.002
67.002	0.006	67.077	-0.008	67.188	-0.024	67.256	-0.024	95.227	-0.002	95.343	-0.003	95.493	-0.003	95.628	0.002
67.368	-0.024	67.466	-0.014	67.556	-0.013	67.649	0.005	95.716	0.008	95.863	0.009	95.952	0.019	96.014	0.059
67.759	-0.003	67.902	-0.008	67.998	0.007	68.137	0.007	96.084	0.012	96.165	0.009	96.341	0.010	96.466	0.001
68.274	0.008	68.372	0.014	68.464	0.015	68.570	0.025	96.602	-0.007	96.810	-0.011	96.933	-0.017	97.060	-0.031
68.707	0.025	68.840	0.026	68.942	0.025	69.075	0.031	97.193	-0.030	97.377	-0.023	97.564	-0.014	97.725	-0.009
69.191	0.045	69.274	0.046	69.365	0.044	69.448	0.044	97.866	-0.004	98.046	0.009	98.236	0.007	98.462	0.0
69.502	0.043	69.621	0.053	69.741	0.056	69.880	0.050	98.605	0.005	98.763	0.0	98.914	0.0	99.183	0.0
69.571	0.032	70.074	0.010	70.143	-0.005	70.239	-0.005	99.438	0.001	99.697	0.001	99.893	0.006	100.133	0.006
70.313	-0.014	70.372	-0.022	70.465	-0.030	70.554	-0.025	100.334	0.001	100.539	0.001	100.698	0.001	100.884	0.002
70.646	-0.025	70.753	-0.006	70.820	0.013	70.908	0.013	101.122	0.002	101.327	0.002	101.536	-0.013	101.733	-0.008
71.063	0.004	71.163	-0.003	71.295	-0.011	71.355	-0.012	101.939	-0.022	102.092	-0.023	102.206	-0.034	102.435	-0.023
71.527	-0.008	71.634	-0.008	71.750	-0.009	71.885	-0.009	102.590	-0.021	102.742	-0.020	102.893	-0.009	103.040	-0.008
71.990	0.0	72.103	0.007	72.191	0.007	72.312	0.007	103.228	-0.003	103.368	-0.003	103.529	-0.003	103.701	-0.005
72.441	0.005	72.544	-0.003	72.666	-0.005	72.781	-0.010	103.860	-0.006	104.022	0.0	104.145	0.008	104.294	0.012
72.910	0.005	73.033	-0.002	73.118	-0.005	73.214	-0.008	104.486	0.007	104.741	0.004	104.963	-0.004	105.138	-0.003
73.299	-0.014	73.417	-0.014	73.535	-0.015	73.638	-0.009	105.299	-0.002	105.516	-0.005	105.717	-0.005	105.879	-0.005
73.738	-0.015	73.880	-0.034	73.917	-0.025	74.110	0.002	106.023	-0.005	106.174	-0.005	106.371	-0.001	106.505	0.001
74.213	0.027	74.316	0.035	74.455	0.035	74.598	0.035	106.637	0.001	106.762	0.001	106.876	0.041	106.946	0.006

107.079	-0.004	107.235	-0.011	107.403	-0.023	107.534	-0.031
107.675	-0.030	107.886	-0.030	108.137	-0.013	108.312	-0.005
108.542	0.005	108.717	-0.003	108.859	-0.007	108.983	-0.008
109.128	-0.008	109.295	-0.008	109.531	-0.004	109.782	-0.007
110.071	-0.006	110.320	-0.006	110.485	-0.017	110.705	-0.005
110.937	0.002	111.180	0.002	111.379	0.0	111.584	-0.015
111.773	-0.010	111.989	-0.015	112.239	-0.014	112.464	-0.014
112.776	-0.014	113.030	-0.006	113.313	-0.002	113.571	0.0
113.813	-0.005	114.024	-0.005	114.218	-0.010	114.453	-0.013
114.685	0.0	114.888	0.0	115.051	0.001	115.286	-0.004
115.550	-0.004	115.785	-0.004	116.133	-0.005	116.329	0.001
116.631	0.006	116.885	-0.002	117.105	-0.004	117.270	-0.009
117.492	-0.012	117.710	-0.013	117.832	-0.021	117.914	-0.047
117.980	-0.025	118.095	-0.020	118.210	-0.026	118.348	-0.023
118.466	-0.023	118.663	-0.021	118.836	-0.013	118.971	-0.010
119.091	-0.007	119.147	-0.001				

6.811	-0.043	6.822	-0.143	6.843	-0.146	6.872	-0.124	12.119	-0.129	12.152	-0.112	12.171	-0.083	12.189	-0.058
6.916	-0.110	6.945	-0.117	6.981	-0.122	7.013	-0.087	12.245	-0.042	12.320	-0.036	12.368	-0.036	12.379	-0.012
7.031	-0.049	7.053	-0.004	7.074	-0.040	7.103	-0.026	12.405	-0.036	12.431	0.111	12.457	0.188	12.502	0.199
7.129	0.008	7.150	-0.020	7.161	-0.044	7.199	-0.076	12.539	0.212	12.558	0.235	12.584	0.257	12.629	0.282
7.218	-0.101	7.245	-0.068	7.260	-0.020	7.279	0.019	12.655	0.230	12.681	0.182	12.714	0.133	12.743	0.049
7.294	0.127	7.316	0.079	7.335	0.019	7.347	0.006	12.769	0.057	12.787	0.060	12.817	0.042	12.842	0.032
7.373	-0.008	7.400	0.012	7.434	-0.011	7.460	0.039	12.897	0.019	12.938	0.052	12.967	0.102	12.989	0.122
7.490	0.093	7.536	0.108	7.566	0.143	7.600	0.187	13.019	0.159	13.045	0.102	13.085	0.052	13.114	0.002
7.626	0.278	7.642	0.165	7.653	0.058	7.676	-0.035	13.151	-0.003	13.195	0.024	13.272	0.014	13.334	0.032
7.702	0.034	7.717	0.095	7.732	0.151	7.763	0.201	13.356	0.026	13.386	0.042	13.415	0.036	13.477	0.071
7.770	0.126	7.778	0.063	7.797	0.015	7.815	-0.041	13.495	0.036	13.539	0.003	13.572	0.024	13.613	0.047
7.834	0.030	7.853	0.080	7.887	0.124	7.914	0.157	13.638	0.033	13.653	0.014	13.694	0.056	13.732	0.080
7.940	0.100	7.955	0.022	7.974	-0.062	8.001	-0.080	13.754	0.108	13.795	0.145	13.829	0.174	13.863	0.121
8.046	-0.056	8.080	-0.088	8.095	-0.108	8.122	-0.153	13.886	0.063	13.912	0.005	13.949	-0.022	13.976	-0.039
8.141	-0.173	8.167	-0.105	8.185	-0.039	8.203	0.069	14.032	-0.054	14.069	-0.021	14.111	0.019	14.167	0.001
8.225	-0.089	8.240	0.105	8.255	0.012	8.266	-0.115	14.193	0.034	14.220	0.086	14.242	0.123	14.284	0.161
8.277	-0.246	8.284	-0.277	8.299	-0.299	8.317	-0.270	14.317	0.213	14.347	0.179	14.400	0.112	14.434	0.068
8.335	-0.219	8.350	-0.192	8.376	-0.173	8.397	-0.232	14.479	0.034	14.535	0.061	14.569	0.043	14.603	0.028
8.419	-0.291	8.438	-0.312	8.467	-0.241	8.493	-0.209	14.622	-0.001	14.663	0.044	14.700	0.062	14.738	-0.007
8.533	-0.140	8.555	-0.100	8.581	-0.045	8.603	-0.019	14.767	-0.089	14.823	-0.148	14.842	-0.173	14.879	-0.207
8.636	-0.070	8.665	-0.209	8.694	-0.407	8.712	-0.468	14.905	-0.182	14.953	-0.152	14.968	-0.136	14.990	-0.170
8.753	-0.363	8.782	-0.250	8.797	-0.158	8.822	-0.172	15.057	-0.186	15.120	-0.148	15.150	-0.119	15.180	-0.074
8.837	-0.086	8.852	0.075	8.885	0.207	8.918	0.193	15.206	-0.028	15.224	0.023	15.272	0.042	15.301	0.083
8.943	0.241	8.958	0.352	8.973	0.399	9.017	0.419	15.331	0.121	15.375	0.134	15.412	0.107	15.460	0.073
9.035	0.365	9.060	0.294	9.071	0.312	9.082	0.263	15.490	0.043	15.523	0.019	15.589	0.033	15.619	0.039
9.112	0.194	9.137	0.187	9.143	0.215	9.188	0.249	15.634	-0.014	15.692	-0.007	15.736	-0.036	15.777	-0.020
9.206	0.086	9.221	-0.125	9.250	-0.139	9.279	-0.120	15.854	-0.010	15.898	0.018	15.916	0.057	15.964	0.102
9.301	-0.029	9.388	-0.003	9.388	-0.040	9.417	-0.114	15.997	0.069	16.019	0.030	16.063	-0.029	16.092	-0.080
9.456	-0.016	9.475	0.015	9.500	0.081	9.514	0.114	16.173	-0.070	16.213	-0.077	16.243	-0.053	16.275	-0.025
9.536	0.125	9.543	0.159	9.569	0.184	9.591	0.145	16.323	-0.009	16.345	-0.015	16.378	0.008	16.436	0.045
9.612	0.081	9.630	0.031	9.638	-0.036	9.670	-0.071	16.469	0.032	16.520	0.052	16.542	-0.036	16.564	-0.063
9.698	-0.081	9.720	-0.126	9.741	-0.069	9.769	-0.009	16.601	-0.117	16.645	-0.103	16.692	-0.084	16.725	-0.075
9.787	0.057	9.808	0.100	9.861	0.118	9.883	0.132	16.766	-0.078	16.814	-0.057	16.843	-0.033	16.894	-0.039
9.897	0.076	9.915	0.018	9.925	-0.009	9.950	-0.022	16.957	-0.034	16.982	-0.106	17.001	-0.190	17.045	-0.200
9.975	-0.009	9.996	0.023	10.017	0.049	10.035	0.069	17.074	-0.215	17.118	-0.235	17.155	-0.219	17.196	-0.170
10.053	0.093	10.078	0.114	10.095	0.139	10.106	0.086	17.225	-0.125	17.266	-0.078	17.307	-0.044	17.336	-0.005
10.120	-0.002	10.138	-0.149	10.152	-0.319	10.182	-0.249	17.381	0.032	17.425	0.058	17.455	0.025	17.477	-0.010
10.311	-0.160	10.241	-0.158	10.259	-0.133	10.285	-0.107	17.496	-0.001	17.521	-0.010	17.577	-0.023	17.618	-0.018
10.448	-0.091	10.467	0.035	10.385	-0.241	10.415	-0.256	17.655	-0.010	17.692	0.001	17.721	0.029	17.744	0.038
10.515	0.188	10.534	0.216	10.552	0.168	10.578	0.135	17.762	0.023	17.784	0.001	17.803	-0.018	17.821	-0.035
10.596	0.162	10.619	0.140	10.641	0.109	10.652	0.129	17.862	-0.005	17.899	0.016	17.925	-0.018	17.943	-0.052
10.686	0.147	10.713	0.166	10.729	0.114	10.748	0.030	17.984	-0.067	18.017	-0.052	18.047	0.0	18.073	-0.025
10.767	-0.026	10.779	0.001	10.821	0.022	10.852	-0.007	18.124	0.054	18.154	0.074	18.176	0.087	18.209	0.100
10.875	-0.046	10.901	-0.037	10.928	-0.013	10.947	0.005	18.246	0.094	18.276	0.068	18.309	0.044	18.324	0.057
10.967	0.023	10.997	0.036	11.013	0.004	11.036	-0.011	18.501	0.072	18.553	0.064	18.579	-0.028	18.620	-0.091
11.070	0.013	11.097	-0.018	11.128	-0.050	11.151	-0.094	18.660	-0.097	18.686	-0.058	18.709	-0.020	18.738	-0.008
11.188	-0.135	11.243	-0.074	11.258	-0.017	11.295	-0.001	18.813	0.0	18.850	-0.018	18.876	-0.057	18.935	-0.044
11.317	0.009	11.325	0.030	11.343	0.054	11.361	0.080	18.961	-0.058	18.984	-0.079	19.014	-0.058	19.069	-0.029
11.398	0.134	11.413	0.090	11.439	0.028	11.439	0.028	19.114	-0.020	19.155	0.012	19.188	0.078	19.210	0.127
11.457	-0.018	11.483	-0.047	11.516	-0.056	11.546	-0.090	19.239	0.150	19.261	0.167	19.287	0.214	19.323	0.165
11.564	-0.033	11.594	0.014	11.616	-0.013	11.642	-0.041	19.367	0.132	19.408	0.166	19.448	0.188	19.477	0.158
11.657	-0.002	11.689	0.017	11.711	-0.051	11.737	-0.143	19.510	0.130	19.532	0.083	19.569	0.100	19.627	0.113
11.755	-0.211	11.788	-0.061	11.821	-0.289	11.853	-0.210	19.671	0.075	19.704	0.048	19.733	0.011	19.777	0.001
11.890	-0.162	11.919	-0.120	11.941	-0.070	11.963	-0.127	19.817	-0.033	19.846	-0.056	19.868	-0.060	19.929	-0.015
11.988	-0.181	12.014	-0.194	12.057	-0.213	12.090	-0.174	19.984	0.036	20.053	0.079	20.100	0.114	20.140	0.138

20.192	0.146	20.247	0.137	20.280	0.103	20.325	0.081	30.514	0.088	30.559	0.111	30.603	0.131	30.633	0.138
20.343	0.045	20.384	0.028	20.468	0.049	20.487	0.027	30.662	0.110	30.695	0.085	30.742	0.103	30.812	0.104
20.505	0.007	20.531	0.029	20.594	0.058	20.638	0.017	30.837	0.084	30.874	0.054	30.939	0.049	30.958	0.026
20.690	-0.023	20.735	-0.092	20.843	-0.081	20.873	-0.125	30.983	0.001	31.042	-0.023	31.096	-0.008	31.151	-0.033
20.899	-0.106	20.943	-0.084	20.969	-0.096	21.029	-0.111	31.216	-0.023	31.267	-0.003	31.314	0.017	31.361	-0.008
21.059	-0.135	21.081	-0.202	21.171	-0.184	21.197	-0.224	31.444	-0.002	31.491	0.009	31.545	-0.014	31.596	0.014
21.215	-0.252	21.263	-0.198	21.330	-0.103	21.367	-0.078	31.661	0.035	31.702	0.0	31.761	-0.038	31.812	-0.074
21.397	-0.110	21.430	-0.121	21.467	-0.076	21.519	-0.046	31.908	-0.092	31.952	-0.081	32.026	-0.091	32.103	-0.069
21.564	-0.012	21.634	0.049	21.653	-0.005	21.693	-0.041	32.155	-0.047	32.214	-0.025	32.270	-0.043	32.307	-0.038
21.755	-0.019	21.802	0.044	21.839	0.101	21.890	0.093	32.359	-0.028	32.445	-0.024	32.515	-0.033	32.564	-0.024
21.933	0.076	21.970	0.031	22.032	0.037	22.066	0.017	32.605	-0.033	32.693	-0.020	32.726	-0.028	32.771	-0.010
22.090	0.0	22.152	0.021	22.181	0.016	22.239	0.041	32.829	0.007	32.870	0.016	32.914	0.041	32.951	0.063
22.282	0.084	22.329	0.138	22.332	0.104	22.401	0.078	32.991	0.084	33.068	0.087	33.127	0.074	33.164	0.062
22.444	0.046	22.480	0.060	22.509	0.015	22.574	0.026	33.216	0.050	33.305	0.034	33.390	0.019	33.468	0.027
22.599	-0.003	22.639	-0.069	22.700	-0.105	22.759	-0.093	33.553	0.007	33.638	0.027	33.679	0.006	33.705	-0.019
22.806	-0.100	22.857	-0.075	22.912	-0.050	22.974	-0.021	33.738	-0.039	33.786	-0.036	33.860	-0.046	33.920	-0.038
23.014	-0.058	23.047	-0.086	23.146	-0.066	23.175	-0.077	34.012	-0.028	34.105	-0.007	34.105	-0.007	34.142	-0.027
23.250	-0.061	23.280	-0.095	23.321	-0.134	23.373	-0.116	34.179	0.026	34.226	0.014	34.303	-0.003	34.347	0.013
23.429	-0.091	23.469	-0.065	23.492	-0.031	23.522	-0.001	34.435	-0.002	34.512	0.005	34.574	-0.008	34.655	0.005
23.563	-0.044	23.630	-0.037	23.693	-0.056	23.742	-0.080	34.729	0.037	34.788	-0.020	34.854	-0.008	34.891	0.016
23.802	-0.080	23.832	-0.090	23.885	-0.066	23.904	-0.033	34.935	0.007	35.049	0.061	35.027	0.056	35.075	0.074
23.949	-0.011	24.017	-0.021	24.073	0.011	24.152	0.052	35.149	0.083	35.209	0.065	35.246	0.042	35.336	0.025
24.178	0.040	24.249	0.090	24.279	0.133	24.331	0.149	35.384	0.007	35.459	0.012	35.545	-0.003	35.645	0.002
24.379	0.133	24.457	0.142	24.483	0.100	24.521	0.042	35.716	-0.026	35.776	-0.041	35.854	-0.028	35.917	-0.013
24.580	0.018	24.647	0.032	24.692	0.046	24.718	0.073	36.048	0.007	36.085	-0.017	36.130	-0.036	36.193	-0.017
24.762	0.093	24.814	0.079	24.855	-0.062	24.892	0.085	36.248	-0.005	36.356	-0.022	36.401	-0.006	36.460	0.019
24.963	0.105	25.000	0.094	25.078	0.109	25.107	0.086	36.519	-0.004	36.623	-0.022	36.683	-0.030	36.750	-0.026
25.145	0.058	25.219	0.081	25.278	0.045	25.296	0.016	36.851	-0.035	36.926	-0.024	36.982	-0.016	37.027	0.002
25.337	-0.008	25.411	0.003	25.448	-0.015	25.489	-0.006	37.109	0.013	37.191	0.005	37.292	0.001	37.375	0.001
25.519	-0.010	25.567	0.012	25.652	0.043	25.685	-0.002	37.416	0.007	37.483	-0.003	37.540	0.018	37.600	0.036
25.707	-0.044	25.737	-0.027	25.784	-0.046	25.821	-0.059	37.656	0.048	37.749	0.045	37.849	0.056	37.946	0.032
25.858	-0.026	25.913	-0.004	25.946	-0.041	25.968	-0.071	38.005	0.011	38.067	-0.017	38.124	-0.035	38.172	-0.049
25.994	-0.105	26.034	-0.086	26.097	-0.075	26.145	-0.077	38.217	-0.055	38.305	-0.032	38.368	-0.006	38.349	0.018
26.212	-0.065	26.272	-0.055	26.294	-0.081	26.320	-0.101	38.397	0.009	38.460	0.032	38.508	0.047	38.578	0.031
26.380	-0.117	26.425	-0.133	26.462	-0.143	26.488	-0.128	38.619	0.019	38.715	0.034	38.804	0.018	38.908	0.013
26.537	-0.107	26.567	-0.094	26.608	-0.105	26.657	-0.081	39.008	0.023	39.071	0.028	39.122	0.011	39.219	-0.006
26.709	-0.059	26.747	-0.035	26.773	-0.001	26.807	0.029	39.260	-0.005	39.329	-0.022	39.349	-0.050	39.423	-0.049
26.868	0.055	26.935	0.063	26.996	0.057	27.082	0.068	39.539	-0.040	39.621	-0.039	39.707	-0.034	39.785	-0.020
27.120	0.058	27.165	0.075	27.202	0.090	27.261	0.073	39.889	-0.032	39.986	-0.017	40.056	-0.012	40.134	0.002
27.312	0.069	27.404	0.071	27.441	0.029	27.456	-0.016	40.235	0.020	40.313	0.005	40.429	-0.006	40.529	0.011
27.500	-0.019	27.552	-0.014	27.601	-0.022	27.705	-0.010	40.468	0.023	40.744	0.043	40.814	0.027	40.931	0.045
27.734	-0.019	27.788	-0.011	27.835	-0.006	27.885	-0.035	41.023	0.034	41.067	0.023	41.141	0.020	41.243	0.013
27.929	-0.065	27.965	-0.074	28.030	-0.059	28.102	-0.037	41.323	-0.002	41.443	-0.013	41.505	-0.021	41.615	-0.010
28.116	-0.040	28.163	-0.041	28.188	-0.020	28.266	-0.007	41.710	0.003	41.796	0.010	41.851	0.024	41.903	0.010
28.232	0.020	28.243	0.039	28.290	0.028	28.326	0.050	41.996	0.025	42.025	0.038	42.125	0.023	42.207	0.004
28.377	0.077	28.435	0.100	28.485	0.125	28.536	0.094	42.297	0.006	42.357	-0.010	42.399	-0.002	42.459	-0.023
28.590	0.066	28.619	0.024	28.671	0.002	28.726	0.013	42.541	-0.037	42.635	-0.019	42.680	-0.006	42.740	-0.005
28.748	-0.018	28.815	-0.049	28.893	-0.031	28.959	-0.036	42.800	-0.021	42.837	-0.038	42.923	-0.034	43.013	-0.024
29.030	-0.010	29.067	0.009	29.122	0.020	29.148	-0.004	43.106	-0.034	43.192	-0.009	43.251	0.015	43.332	0.044
29.167	-0.035	29.200	-0.031	29.237	-0.055	29.292	-0.076	43.428	0.038	43.498	0.028	43.605	0.020	43.730	0.035
29.348	-0.069	29.429	-0.077	29.466	-0.064	29.529	-0.054	43.863	0.045	43.981	0.048	44.015	0.029	44.063	0.011
29.588	-0.045	29.629	-0.037	29.658	-0.045	29.688	-0.060	44.162	0.004	44.248	0.007	44.371	0.016	44.409	0.003
29.769	-0.049	29.787	-0.066	29.817	-0.104	29.883	-0.089	44.468	-0.004	44.565	0.007	44.614	-0.013	44.677	-0.025
29.909	-0.079	29.960	-0.088	30.027	-0.062	30.064	-0.028	44.790	-0.024	44.913	-0.024	44.992	-0.010	45.070	0.001
30.108	-0.001	30.163	0.016	30.211	0.030	30.241	0.044	45.134	-0.009	45.186	-0.015	45.253	-0.005	45.324	0.001
30.285	0.068	30.322	0.060	30.374	0.083	30.444	0.106	45.429	0.011	45.503	0.019	45.596	0.011	45.678	0.002

45.774	-0.009	45.840	-0.020	45.921	-0.009	45.988	-0.003	66.609	0.009	66.656	0.003	66.719	0.0	66.767	-0.006
46.065	-0.010	46.180	0.001	46.250	0.006	46.324	-0.003	66.820	-0.006	66.872	-0.004	66.931	-0.002	66.976	-0.002
46.394	0.017	46.464	0.034	46.541	0.041	46.652	0.045	67.024	-0.002	67.065	-0.003	67.129	-0.001	67.203	0.004
46.744	0.041	46.807	0.017	46.881	0.0	46.962	-0.022	67.263	0.011	67.312	0.015	67.417	0.016	67.484	0.016
47.073	-0.036	47.099	-0.047	47.194	-0.037	47.271	-0.047	67.548	0.026	67.597	0.033	67.634	0.034	67.682	0.030
47.366	-0.018	47.424	0.012	47.468	0.036	47.530	0.050	67.734	0.029	67.774	0.023	67.814	0.015	67.851	0.015
47.571	0.044	47.633	0.061	47.681	0.075	47.747	0.056	67.895	0.015	67.936	0.015	67.976	0.017	68.027	0.020
47.824	0.055	47.883	0.037	47.949	0.037	48.044	0.022	68.079	0.020	68.141	0.020	68.194	0.015	68.239	0.015
48.140	0.009	48.211	0.008	48.323	0.025	48.406	0.007	68.293	0.016	68.372	0.024	68.437	0.030	68.509	0.029
48.477	-0.002	48.574	-0.017	48.697	-0.026	48.790	-0.037	68.578	0.024	68.669	0.013	68.756	0.010	68.851	0.006
48.913	-0.036	48.991	-0.022	49.083	-0.006	49.187	0.017	68.923	0.008	69.003	0.015	69.060	0.021	69.136	0.026
49.259	0.022	49.325	0.012	49.408	0.013	49.478	-0.001	69.202	0.027	69.263	0.026	69.361	0.021	69.430	0.020
49.510	-0.005	49.568	0.001	49.652	0.018	49.775	0.028	69.506	0.011	69.563	0.005	69.614	0.0	69.667	-0.013
49.920	0.041	50.005	0.027	50.053	0.017	50.128	0.022	69.716	-0.016	69.774	-0.017	69.822	-0.016	69.895	-0.014
50.217	0.007	50.337	0.011	50.423	0.009	50.524	0.009	69.957	-0.011	70.022	-0.009	70.095	-0.001	70.172	0.002
50.629	0.009	50.724	0.008	50.856	0.008	50.925	-0.007	70.232	0.014	70.298	0.014	70.380	0.014	70.428	0.014
50.991	-0.018	51.061	-0.018	51.193	-0.019	51.275	-0.027	70.483	0.014	70.546	0.011	70.632	0.014	70.706	0.009
51.386	-0.040	51.431	-0.050	51.490	-0.026	51.565	-0.003	70.809	0.010	70.931	0.014	71.012	0.017	71.089	0.019
51.594	0.004	51.672	0.021	51.758	0.032	51.858	0.037	71.181	0.020	71.255	0.015	71.321	0.015	71.424	0.014
51.940	0.037	52.026	0.042	52.156	0.042	52.240	0.044	71.501	0.011	71.571	0.011	71.645	0.014	71.721	0.016
52.307	0.039	52.414	0.031	52.498	0.025	52.550	0.010	71.801	0.020	71.870	0.025	71.936	0.030	71.993	0.029
52.609	-0.001	52.713	-0.001	52.817	-0.010	52.932	-0.006	72.070	0.027	72.145	0.022	72.213	0.013	72.290	0.010
53.007	-0.002	53.100	0.004	53.267	0.013	53.360	0.004	72.375	0.012	72.445	0.018	72.541	0.017	72.640	0.023
53.501	0.0	53.575	0.008	53.683	-0.002	53.782	0.008	72.721	0.024	72.781	0.021	72.881	0.012	72.958	0.008
53.901	0.017	54.004	0.020	54.122	0.008	54.263	-0.001	73.029	0.005	73.107	0.003	73.155	0.0	73.232	-0.008
54.408	0.013	54.526	0.022	54.630	0.015	54.752	-0.001	73.321	-0.018	73.372	-0.028	73.443	-0.034	73.505	-0.031
54.848	-0.001	55.015	0.004	55.122	0.014	55.207	0.024	73.587	-0.009	73.668	0.002	73.738	0.014	73.794	0.020
55.355	0.015	55.487	0.009	55.572	0.009	55.668	0.001	73.880	0.025	73.935	0.025	74.043	0.025	74.118	0.025
55.726	0.0	55.770	0.006	55.865	-0.009	55.960	-0.012	74.191	0.021	74.287	0.021	74.397	0.021	74.484	0.017
56.048	-0.010	56.158	0.005	56.231	-0.007	56.301	0.011	74.572	0.014	74.664	0.014	74.752	0.014	74.839	0.014
56.371	0.024	56.444	0.035	56.511	-0.035	56.574	0.018	74.920	0.014	74.986	0.014	75.066	0.014	75.135	0.022
56.633	0.004	56.729	-0.001	56.815	-0.010	56.878	-0.009	75.221	0.023	75.291	0.028	75.358	0.022	75.443	0.017
56.930	-0.009	57.016	-0.005	57.068	0.0	57.146	0.0	75.532	0.013	75.629	0.009	75.743	0.006	75.841	0.004
57.228	0.010	57.306	0.019	57.435	0.017	57.528	0.021	75.903	0.004	75.969	0.004	76.020	0.011	76.105	0.010
57.602	0.021	57.676	0.025	57.797	0.027	57.885	0.030	76.166	0.009	76.227	0.009	76.306	0.008	76.371	0.004
58.013	0.031	58.115	0.031	58.196	0.034	58.283	0.025	76.446	0.002	76.521	0.002	76.568	0.002	76.632	0.002
58.396	0.019	58.495	0.017	58.607	0.025	58.709	0.022	76.709	0.002	76.730	0.002	76.796	0.002	76.858	0.002
58.818	0.017	58.898	0.005	59.008	-0.005	59.048	-0.022	76.909	0.003	76.971	0.013	77.040	0.013	77.113	0.021
59.146	-0.009	59.369	-0.007	59.487	-0.008	59.564	-0.011	77.175	0.031	77.257	0.031	77.339	0.029	77.406	0.031
59.659	-0.007	59.760	0.006	59.838	0.0	59.894	-0.005	77.476	0.030	77.532	0.025	77.595	0.021	77.681	0.012
59.961	0.006	60.073	0.026	60.195	0.033	60.329	0.032	77.748	0.018	77.793	0.012	77.841	0.012	77.908	0.012
60.495	0.037	60.683	0.044	60.774	0.041	60.861	0.039	77.979	0.008	78.061	0.002	78.150	0.0	78.232	0.0
60.970	0.026	61.108	0.010	61.264	-0.007	61.362	-0.011	78.329	0.0	78.396	0.0	78.478	0.0	78.561	-0.009
61.500	-0.003	61.628	0.003	61.711	0.002	61.842	0.002	78.650	-0.007	78.694	-0.011	78.767	-0.015	78.826	-0.011
61.951	0.006	62.097	0.013	62.249	0.017	62.426	0.029	78.957	0.0	79.056	0.010	79.056	0.010	79.162	0.014
62.603	0.022	62.767	0.028	62.918	0.018	63.035	0.023	79.248	0.025	79.324	0.023	79.381	0.025	79.460	0.027
63.137	0.012	63.249	-0.001	63.412	0.009	63.602	0.021	79.550	0.027	79.658	0.027	79.731	0.030	79.834	0.022
63.861	0.035	63.996	0.016	64.105	0.026	64.289	0.013	79.944	0.020	80.047	0.010	80.168	-0.001	80.242	-0.001
64.449	0.019	64.665	0.029	64.823	0.028	65.001	0.033	80.328	-0.004	80.406	-0.004	80.503	-0.002	80.626	0.003
65.148	0.033	65.222	0.018	65.296	0.017	65.344	0.008	80.696	0.006	80.777	0.010	80.865	0.013	80.949	0.011
65.426	0.003	65.471	-0.001	65.519	-0.004	65.560	-0.012	81.037	0.009	81.158	0.002	81.252	0.0	81.342	0.0
65.619	-0.012	65.683	-0.011	65.728	-0.004	65.784	-0.001	81.426	0.001	81.545	0.0	81.647	0.001	81.743	0.008
65.833	0.005	65.893	0.010	65.942	0.010	65.972	0.011	81.869	0.011	81.980	0.015	82.080	0.015	82.165	0.020
66.024	0.013	66.062	0.017	66.099	0.022	66.144	0.024	82.241	0.016	82.339	0.011	82.448	0.001	82.542	0.005
66.206	0.024	66.260	0.024	66.307	0.024	66.364	0.025	82.607	0.006	82.692	0.009	82.692	-0.001	82.765	-0.003
66.418	0.020	66.461	0.020	66.505	0.018	66.555	0.014	82.867	-0.003	82.961	0.002	83.059	0.005	83.161	-0.006

83.244	-0.013	83.340	-0.005	83.412	-0.004	83.494	-0.002	106.030	-0.006	106.145	-0.005	106.236	-0.005	106.283	-0.005
83.595	-0.002	83.682	0.004	83.792	0.006	83.896	0.009	106.360	-0.007	106.443	-0.007	106.531	-0.007	106.633	-0.016
83.969	0.010	84.047	0.013	84.124	0.015	84.210	0.019	106.706	-0.014	106.784	-0.014	106.839	-0.006	106.898	-0.014
84.295	0.022	84.370	0.024	84.452	0.025	84.500	0.029	107.013	-0.010	107.090	-0.009	107.179	-0.005	107.261	-0.005
84.619	0.024	84.698	0.022	84.758	0.022	84.847	0.013	107.317	-0.005	107.410	-0.005	107.519	0.001	107.612	-0.005
84.922	0.011	85.023	0.010	85.124	0.006	85.206	0.006	107.718	-0.005	107.817	0.0	107.908	-0.001	108.038	-0.001
85.328	0.001	85.447	0.001	85.566	0.0	85.702	-0.005	108.115	-0.011	108.246	-0.013	108.359	-0.016	108.458	-0.022
85.823	-0.007	85.962	-0.007	86.080	-0.008	86.193	-0.008	108.556	-0.023	108.647	-0.024	108.750	-0.024	108.913	-0.020
86.285	-0.008	86.407	-0.004	86.488	-0.011	86.605	-0.008	109.048	-0.018	109.165	-0.013	109.281	-0.009	109.393	-0.004
86.724	0.003	86.806	0.003	86.873	0.004	87.010	0.004	109.465	-0.004	109.571	-0.003	109.654	-0.003	109.718	-0.004
87.133	0.004	87.280	0.003	87.403	0.003	87.493	0.007	109.789	-0.004	109.902	-0.003	110.000	-0.003	110.086	-0.004
87.632	0.007	87.710	0.007	87.851	0.007	87.963	0.011	110.191	-0.004	110.286	-0.004	110.426	-0.005	110.533	-0.007
88.100	0.012	88.244	0.012	88.325	0.001	88.443	0.001	110.636	-0.012	110.748	-0.012	110.844	-0.012	110.933	-0.012
88.528	-0.008	88.583	-0.038	88.657	-0.007	88.723	-0.007	111.024	-0.012	111.101	-0.012	111.188	-0.012	111.272	-0.012
88.840	-0.011	88.951	-0.011	89.046	-0.011	89.182	-0.013	111.327	-0.012	111.390	-0.012	111.470	-0.012	111.573	-0.033
89.278	-0.013	89.433	-0.008	89.547	0.0	89.706	0.0	111.606	-0.018	111.680	-0.014	111.762	-0.016	111.903	-0.018
89.847	0.001	90.021	-0.002	90.166	0.004	90.251	0.007	112.019	-0.018	112.123	-0.012	112.216	-0.017	112.302	-0.023
90.348	0.008	90.474	0.008	90.616	0.009	90.734	0.014	112.399	-0.024	112.488	-0.026	112.559	-0.016	112.622	-0.019
90.788	0.002	90.862	0.002	90.950	-0.004	91.034	-0.014	112.728	-0.019	112.819	-0.013	112.899	-0.009	112.979	-0.009
91.136	-0.012	91.224	-0.015	91.301	-0.017	91.373	-0.021	113.078	-0.015	113.179	-0.008	113.263	0.0	113.353	0.0
91.435	-0.021	91.505	-0.015	91.574	-0.009	91.676	-0.005	113.429	-0.002	113.542	0.003	113.661	0.007	113.754	0.0
91.752	-0.004	91.831	-0.005	91.864	-0.005	91.947	-0.002	113.879	-0.011	114.005	-0.016	114.116	-0.024	114.261	-0.030
92.090	0.003	92.236	0.006	92.352	0.017	92.491	0.017	114.374	-0.028	114.486	-0.027	114.601	-0.030	114.674	-0.030
92.603	0.015	92.718	0.009	92.829	0.005	92.921	0.001	114.768	-0.030	114.851	-0.030	115.025	-0.026	115.189	-0.020
93.025	-0.001	93.095	-0.003	93.184	-0.003	93.266	-0.005	115.312	-0.011	115.454	-0.010	115.584	-0.012	115.662	-0.012
93.413	-0.009	93.582	-0.009	93.682	-0.009	93.795	-0.009	115.774	-0.012	115.870	-0.013	116.011	-0.016	116.122	-0.016
93.890	-0.009	94.014	-0.004	94.124	-0.003	94.222	-0.004	116.185	-0.017	116.244	-0.017	116.380	-0.017	116.421	-0.016
94.341	-0.004	94.427	0.002	94.514	0.005	94.572	0.006	116.579	-0.015	116.709	-0.015	116.810	-0.015	116.918	-0.016
94.655	0.006	94.733	0.006	94.838	0.006	94.920	0.010	117.001	-0.017	117.079	-0.017	117.176	-0.018	117.267	-0.021
95.002	0.011	95.130	0.010	95.234	0.010	95.332	0.010	117.364	-0.022	117.451	-0.023	117.545	-0.023	117.620	-0.023
95.425	0.010	95.519	0.005	95.609	0.005	95.694	0.0	117.691	-0.023	117.743	-0.023	117.802	-0.023	117.865	-0.055
95.779	0.0	95.849	0.003	95.915	-0.008	95.970	0.014	117.914	-0.036	117.966	-0.024	118.040	-0.027	118.103	-0.040
96.003	-0.009	96.088	-0.008	96.165	-0.006	96.246	-0.004	118.170	-0.034	118.248	-0.029	118.329	-0.029	118.392	-0.029
96.338	0.001	96.415	0.002	96.481	0.004	96.547	0.007	118.466	-0.029	118.541	-0.030	118.607	-0.035	118.674	-0.025
96.621	-0.004	96.672	-0.007	96.740	-0.007	96.848	0.001	118.753	-0.034	118.843	-0.026	118.877	-0.020	118.952	-0.033
97.248	-0.004	97.318	-0.005	97.399	0.0	97.546	0.0	119.008	-0.025	119.080	-0.024				
97.706	0.0	97.793	0.0	97.913	-0.007	98.062	-0.001								
98.192	0.001	98.305	0.0	98.440	-0.001	98.554	-0.010								
98.652	-0.013	98.737	-0.017	98.844	-0.017	98.947	-0.008								
99.039	-0.004	99.153	0.0	99.269	0.008	99.367	0.013								
99.483	0.016	99.584	0.016	99.644	0.016	99.753	0.010								
99.930	0.008	100.114	0.012	100.278	0.002	100.446	-0.006								
100.587	-0.012	100.694	-0.016	100.837	-0.017	101.005	-0.018								
101.129	-0.011	101.228	-0.013	101.386	-0.011	101.517	-0.007								
101.638	-0.004	101.690	-0.003	101.813	-0.003	101.902	-0.003								
101.565	-0.012	102.069	-0.006	102.192	-0.006	102.254	-0.008								
102.361	-0.003	102.468	-0.003	102.572	-0.003	102.686	-0.003								
102.801	-0.003	102.900	-0.003	103.011	-0.005	103.122	-0.008								
103.269	-0.010	103.362	-0.015	103.463	-0.015	103.558	-0.013								
103.632	-0.011	103.719	-0.012	103.834	-0.012	103.954	-0.009								
104.062	-0.015	104.156	-0.016	104.294	-0.015	104.439	-0.013								
104.519	-0.011	104.617	-0.006	104.730	-0.006	104.806	-0.006								
104.894	-0.006	104.989	-0.010	105.080	-0.011	105.146	-0.011								
105.248	-0.016	105.347	-0.019	105.424	-0.019	105.505	-0.022								
105.604	-0.020	105.725	-0.017	105.832	-0.014	105.953	-0.010								

1971 POINTS 130.866 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ACCRETION, IS 0.1631 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.133	0.085	-0.230	0.174	0.027	0.212	-0.047	13.554	0.091	13.598	-0.049	13.647	0.064	13.763	-0.233		
0.259	0.231	0.306	-0.312	0.400	-0.020	0.480	-0.420	13.839	0.0	14.005	-0.146	14.005	0.198	14.119	0.004		
0.580	0.080	0.670	-0.240	0.710	0.130	0.750	-0.500	14.160	0.031	14.256	-0.080	14.320	-0.026	14.363	-0.141		
0.797	0.737	0.880	-0.862	0.981	0.753	1.106	-0.780	14.396	-0.051	14.450	-0.289	14.583	-0.101	14.647	-0.145		
1.201	1.368	1.268	-0.924	1.309	1.858	1.322	-0.973	14.748	0.041	14.841	-0.080	14.996	0.072	15.069	-0.025		
1.385	1.042	1.517	-0.476	1.643	0.228	1.680	-1.146	15.176	0.139	15.281	-0.093	15.418	0.086	15.496	-0.049		
1.817	1.567	1.990	-0.955	2.026	-0.818	2.102	-1.187	15.568	0.044	15.621	0.027	15.668	0.055	15.793	-0.189		
2.307	0.598	2.327	-0.084	2.348	0.360	2.465	-1.038	15.853	-0.110	15.915	-0.257	15.998	-0.139	16.043	-0.179		
2.860	2.065	3.001	-2.163	3.096	2.073	3.294	-1.205	16.155	-0.076	16.219	-0.088	16.359	0.031	16.417	-0.072		
3.323	-0.096	3.473	-1.518	3.513	1.405	3.641	-1.072	16.521	0.088	16.621	-0.005	16.749	0.030	16.830	-0.023		
3.681	1.074	3.823	-0.516	3.930	0.973	4.091	-1.072	16.922	0.038	16.996	-0.016	17.126	0.055	17.204	-0.081		
4.129	0.869	4.394	-1.485	4.454	-0.666	4.486	-0.903	17.256	-0.031	17.331	-0.098	17.431	0.052	17.563	-0.116		
4.675	1.535	4.805	-0.272	4.858	1.400	5.121	-0.899	17.654	0.051	17.749	0.017	17.791	0.030	17.866	-0.005		
5.166	0.534	5.355	-1.269	5.390	0.062	5.507	-0.725	17.935	0.029	18.047	-0.118	18.091	-0.094	18.163	-0.110		
5.540	0.697	5.574	0.585	5.618	1.104	5.733	0.054	18.278	-0.041	18.421	-0.129	18.579	0.033	18.668	-0.064		
5.766	1.340	5.884	0.116	5.904	0.872	5.929	0.684	18.769	0.071	18.899	-0.088	19.031	0.046	19.113	0.026		
5.972	0.341	6.124	-0.548	6.125	0.776	6.193	-0.036	19.213	0.083	19.284	0.027	19.327	0.034	19.444	-0.014		
6.200	0.516	6.320	-0.662	6.325	0.503	6.564	-0.637	19.538	0.020	19.744	-0.081	19.829	-0.060	19.932	-0.122		
6.628	1.454	6.788	-1.018	6.872	-0.144	6.946	-1.002	20.607	-0.091	20.656	-0.096	20.755	-0.019	20.860	-0.101		
7.074	0.087	7.110	0.161	7.168	0.705	7.348	-0.826	20.901	-0.092	20.963	-0.125	21.069	-0.039	21.142	-0.069		
7.427	0.224	7.509	-0.667	7.590	0.358	7.679	-0.297	21.183	-0.050	21.315	-0.119	21.406	-0.021	21.479	-0.028		
7.793	0.021	7.820	-0.056	7.870	0.084	7.897	-0.129	21.537	-0.004	21.589	-0.024	21.683	0.036	21.789	-0.021		
7.973	0.135	8.073	-0.688	8.198	0.243	8.314	-0.277	21.841	0.002	21.986	-0.053	22.038	-0.031	22.108	-0.069		
8.394	-0.066	8.487	-0.355	8.539	0.293	8.639	-0.153	22.151	-0.022	22.234	-0.067	22.286	-0.037	22.431	-0.157		
8.667	0.078	8.741	-0.431	8.831	0.084	8.908	-0.296	22.486	-0.100	22.521	-0.108	22.628	-0.037	22.695	-0.102		
8.965	0.126	9.029	-0.187	9.056	0.293	9.098	-0.067	22.843	0.049	22.976	-0.062	23.071	-0.045	23.136	0.001		
9.156	0.332	9.262	-0.276	9.335	0.109	9.390	-0.140	23.197	-0.030	23.222	-0.024	23.287	-0.095	23.377	-0.003		
9.435	0.041	9.581	-0.659	9.687	-0.016	9.760	-0.298	23.480	-0.019	23.565	0.066	23.693	0.0	23.817	0.088		
9.894	0.151	10.021	-0.458	10.113	0.082	10.160	0.025	23.893	0.055	23.963	0.067	24.088	-0.007	24.198	0.027		
10.233	-0.030	10.431	-0.538	10.750	-0.193	10.852	-0.162	24.305	-0.041	24.379	-0.011	24.461	-0.002	24.643	-0.085		
10.896	-0.030	10.966	-0.175	10.994	-0.028	11.023	-0.069	24.732	0.046	24.868	0.042	24.968	0.042	25.063	0.018		
11.092	0.198	11.184	-0.207	11.259	-0.065	11.323	-0.333	25.184	0.076	25.278	0.054	25.353	0.072	25.397	0.054		
11.395	-0.040	11.490	-0.227	11.557	-0.036	11.615	-0.143	25.437	0.062	25.483	0.055	25.509	0.061	25.593	0.054		
11.718	-0.022	11.807	-0.209	11.880	-0.043	11.915	-0.187	25.660	0.066	25.770	-0.030	25.870	-0.030	25.918	-0.027		
11.995	-0.055	12.031	-0.176	12.194	0.123	12.258	-0.037	26.037	-0.062	26.140	-0.014	26.305	-0.065	26.375	-0.057		
12.282	0.027	12.326	-0.036	12.393	0.150	12.511	-0.225	26.557	-0.104	26.766	0.041	26.846	0.051	26.977	0.037		
12.566	0.030	12.615	-0.014	12.667	0.128	12.746	-0.292	26.949	0.004	27.140	0.028	27.237	0.008	27.288	-0.005		
12.833	0.029	12.952	-0.241	13.092	0.203	13.122	0.156	27.352	0.009	27.444	0.003	27.554	0.008	27.702	-0.051		
13.180	C.145	13.281	-0.087	13.356	0.193	13.479	-0.259	27.804	-0.012	27.895	-0.024	27.950	-0.014	28.008	-0.016		

28.057	-0.006	28.117	-0.011	28.177	-0.009	28.309	-0.071	41.051	0.040	41.109	0.035	41.161	0.035	41.207	0.035
28.416	-0.028	28.533	-0.045	28.582	-0.017	28.640	-0.010	41.231	0.036	41.289	0.019	41.318	0.016	41.376	0.035
28.665	-0.005	28.729	0.012	28.770	0.032	28.841	0.036	41.417	-0.002	41.457	0.004	41.492	0.006	41.539	0.015
28.897	0.060	28.979	0.048	29.102	-0.033	29.213	0.054	41.591	-0.021	41.649	0.025	41.706	0.017	41.735	0.011
29.325	0.014	29.434	-0.021	29.594	0.041	29.640	0.019	41.782	0.009	41.839	0.012	41.903	0.016	41.978	0.007
29.680	0.011	29.721	0.006	29.778	0.006	29.812	0.005	42.048	0.010	42.100	0.004	42.147	0.0	42.200	0.006
29.870	-0.009	29.955	0.038	30.024	0.043	30.105	0.045	42.258	0.013	42.305	0.006	42.358	-0.006	42.445	0.001
30.398	0.061	30.450	0.066	30.490	0.067	30.547	0.059	42.486	-0.009	42.556	-0.031	42.614	-0.035	42.684	-0.020
30.592	0.056	30.643	0.068	30.677	0.080	30.705	0.065	42.742	-0.033	42.817	-0.018	42.887	0.006	42.921	0.001
30.751	0.052	30.819	0.034	30.853	-0.002	30.881	-0.014	42.979	0.041	43.043	-0.014	43.078	-0.002	43.154	0.001
30.909	-0.033	30.949	-0.047	31.000	-0.025	31.056	-0.003	43.189	0.015	43.224	0.010	43.294	0.007	43.329	0.006
31.100	-0.092	31.111	0.008	31.150	-0.011	31.189	-0.031	43.399	0.018	43.457	0.019	43.498	0.023	43.545	0.032
31.217	-0.092	31.283	0.060	31.311	0.039	31.377	-0.036	43.592	0.018	43.638	-0.010	43.709	0.001	43.750	-0.005
31.460	0.064	31.521	-0.049	31.560	-0.089	31.599	-0.057	43.792	-0.018	43.855	-0.028	43.907	-0.015	43.960	-0.005
31.661	0.005	31.711	0.025	31.745	0.040	31.784	-0.006	44.024	-0.009	44.070	-0.011	44.128	-0.016	44.208	-0.016
31.860	0.007	31.918	0.008	31.918	-0.005	31.968	-0.024	44.277	-0.019	44.352	-0.018	44.404	-0.011	44.455	-0.002
31.985	-0.068	32.041	-0.025	32.075	-0.023	32.109	-0.038	44.501	0.009	44.536	0.012	44.588	0.005	44.629	-0.010
32.183	-0.041	32.303	-0.013	32.359	-0.017	32.416	-0.011	44.687	-0.018	44.727	-0.018	44.774	-0.010	44.826	-0.002
32.473	-0.021	32.553	-0.014	32.634	0.006	32.686	-0.014	44.861	0.013	44.901	0.023	44.959	0.029	44.994	-0.021
32.784	-0.007	32.836	-0.025	32.910	-0.081	33.037	0.044	45.046	0.013	45.105	0.031	45.152	0.021	45.193	0.020
33.072	0.015	33.130	-0.008	33.194	0.006	33.247	0.020	45.251	0.018	45.321	0.033	45.397	0.039	45.450	0.026
33.276	0.040	33.305	-0.018	33.369	0.003	33.398	0.016	45.491	0.014	45.520	0.014	45.589	0.034	45.629	0.040
33.456	0.037	33.514	-0.004	33.566	-0.027	33.646	0.007	45.692	0.025	45.779	0.018	45.848	0.023	45.894	0.030
33.704	0.040	33.756	-0.005	33.790	-0.005	33.882	0.017	45.962	0.039	46.043	0.044	46.111	0.041	46.162	0.032
33.928	0.050	34.028	0.004	34.014	-0.028	34.054	-0.033	46.197	0.004	46.254	-0.023	46.328	-0.020	46.385	-0.021
34.123	-0.021	34.169	-0.002	34.215	0.011	34.289	0.009	46.442	-0.022	46.493	-0.012	46.556	0.002	46.613	-0.005
34.341	0.009	34.404	0.012	34.461	0.020	34.519	0.028	46.659	-0.004	46.734	0.006	46.797	0.0	46.849	-0.005
34.582	0.023	34.582	0.044	34.698	0.048	34.744	0.039	46.935	-0.008	46.970	-0.017	47.027	-0.035	47.091	-0.018
34.779	0.010	34.836	-0.010	34.917	-0.005	34.998	-0.009	47.125	-0.016	47.160	-0.029	47.212	-0.041	47.275	0.006
35.068	-0.007	35.149	0.003	35.166	-0.003	35.206	-0.025	47.338	-0.017	47.367	-0.019	47.419	0.004	47.454	0.001
35.276	-0.039	35.328	-0.043	35.391	-0.013	35.426	0.005	47.511	0.019	47.529	0.037	47.586	0.006	47.632	0.006
35.490	-0.018	35.530	-0.015	35.583	0.039	35.624	0.060	47.678	0.017	47.718	0.042	47.763	-0.011	47.815	0.008
35.724	0.065	35.818	0.070	35.859	0.057	35.912	0.044	47.878	0.032	47.930	0.019	47.976	0.015	48.016	0.015
35.976	0.038	36.052	0.009	36.122	0.011	36.175	0.010	48.075	-0.041	48.114	0.005	48.160	-0.015	48.200	-0.035
36.215	0.015	36.274	0.021	36.314	0.013	36.355	0.011	48.258	-0.016	48.346	-0.018	48.410	-0.029	48.448	-0.025
36.408	0.017	36.472	-0.007	36.524	-0.022	36.588	0.001	48.482	-0.016	48.546	-0.018	48.610	-0.029	48.638	-0.032
36.628	0.007	36.680	-0.015	36.732	-0.037	36.766	-0.030	48.702	-0.016	48.777	0.002	48.812	0.011	48.864	0.020
36.801	-0.016	36.864	0.001	36.910	0.006	36.968	-0.002	48.927	0.023	49.003	0.026	49.065	0.041	49.133	0.025
37.032	-0.008	37.097	-0.002	37.145	0.005	37.199	0.010	49.206	0.038	49.268	0.035	49.308	0.026	49.376	0.016
37.222	0.012	37.270	-0.002	37.306	-0.027	37.389	-0.018	49.449	0.015	49.489	0.015	49.557	0.012	49.620	0.021
37.449	-0.021	37.514	0.014	37.610	0.038	37.645	0.017	49.671	0.042	49.711	0.046	49.745	0.036	49.796	0.017
37.723	-0.032	37.789	-0.037	37.878	-0.035	37.926	-0.028	49.842	0.008	49.899	-0.006	49.984	-0.015	50.036	-0.013
37.998	-0.012	38.050	-0.003	38.102	0.007	38.172	0.039	50.083	-0.010	50.158	-0.007	50.234	-0.003	50.287	-0.009
38.241	0.032	38.295	0.032	38.351	0.014	38.397	-0.003	50.363	-0.024	50.415	-0.008	50.497	0.005	50.555	0.011
38.455	0.0	38.542	0.003	38.641	0.002	38.712	0.014	50.607	0.018	50.659	0.008	50.705	0.004	50.740	0.012
38.776	0.021	38.834	0.029	38.899	0.037	38.945	0.023	51.029	0.004	51.093	0.002	51.151	-0.010	51.221	0.001
38.998	0.010	39.045	0.004	39.111	0.007	39.194	0.006	51.268	0.010	51.344	0.006	51.437	0.026	51.484	0.040
39.253	0.008	39.330	0.017	39.389	0.037	39.443	0.019	51.530	0.005	51.589	-0.003	51.637	0.011	51.696	0.018
39.526	0.002	39.577	0.006	39.617	0.006	39.686	0.013	51.749	0.018	51.831	0.012	51.855	0.010	51.932	0.009
39.743	0.006	39.824	0.007	39.881	0.011	39.915	0.012	51.979	0.012	52.020	0.017	52.084	0.070	52.125	0.069
39.967	0.001	40.024	-0.023	40.053	-0.027	40.099	-0.021	52.184	0.028	52.248	0.048	52.301	0.019	52.336	0.017
40.150	-0.015	40.190	-0.013	40.259	-0.017	40.321	-0.012	52.388	-0.004	52.424	-0.002	52.459	-0.011	52.523	-0.008
40.350	-0.012	40.356	-0.020	40.459	-0.039	40.499	-0.045	52.580	-0.019	52.643	-0.032	52.706	-0.029	52.741	-0.033
40.551	-0.035	40.639	-0.030	40.692	-0.021	40.727	-0.007	52.844	-0.025	52.907	-0.025	52.947	-0.013	52.998	0.004
40.758	0.006	40.869	0.026	40.916	0.036	40.986	0.046	53.061	0.021	53.136	0.026	53.228	0.026	53.302	0.020

53.365	0.015	53.428	0.016	53.491	0.008	53.537	0.002	66.387	-0.012	66.427	-0.025	66.491	-0.029	66.571	-0.023
53.595	0.010	53.658	0.011	53.733	0.014	53.768	0.015	66.646	-0.024	66.691	-0.022	66.748	-0.017	66.783	-0.011
53.814	0.007	53.843	0.002	53.883	-0.007	53.941	-0.010	66.817	-0.005	66.857	0.008	66.891	0.008	66.909	0.013
53.993	-0.009	54.067	-0.014	54.134	-0.018	54.196	-0.013	66.954	0.019	67.011	0.021	67.069	0.020	67.103	0.018
54.253	-0.005	54.326	-0.003	54.389	0.009	54.434	0.012	67.160	0.017	67.206	0.019	67.269	0.023	67.321	0.023
54.479	0.008	54.530	0.007	54.598	0.011	54.638	0.012	67.384	0.021	67.453	0.026	67.516	0.029	67.573	0.030
54.684	0.006	54.712	0.004	54.781	0.015	54.832	0.004	67.636	0.025	67.682	0.020	67.716	0.015	67.768	0.010
54.912	-0.013	54.980	-0.009	55.049	-0.007	55.107	-0.002	67.802	0.006	67.865	0.006	67.928	0.011	67.997	0.018
55.177	-0.007	55.241	-0.003	55.299	0.005	55.369	0.013	68.066	0.021	68.118	0.021	68.175	0.019	68.215	0.019
55.415	0.008	55.503	0.005	55.554	0.014	55.617	0.027	68.273	0.020	68.348	0.031	68.416	0.020	68.532	0.023
55.657	0.027	55.715	0.026	55.789	0.029	55.841	0.025	68.595	0.015	68.647	0.010	68.740	0.009	68.803	0.004
55.881	0.022	55.915	0.028	56.001	0.031	56.081	0.027	68.849	0.0	68.907	0.006	68.965	0.008	69.034	0.006
56.138	0.021	56.207	0.026	56.270	0.018	56.310	0.018	69.119	0.005	69.193	0.005	69.255	0.004	69.295	0.004
56.361	0.021	56.430	0.027	56.498	0.029	56.557	0.032	69.346	0.008	69.397	0.016	69.459	0.014	69.516	0.005
56.621	0.040	56.674	0.047	56.738	0.045	56.768	0.036	69.555	-0.009	69.600	-0.002	69.628	-0.005	69.696	0.016
56.809	0.027	56.873	0.021	56.938	0.016	56.991	0.030	69.764	0.006	69.803	0.0	69.848	-0.012	69.888	-0.014
57.038	0.0	57.073	-0.010	57.114	-0.018	57.161	-0.030	69.961	0.0	70.011	0.006	70.057	0.009	70.126	0.008
57.231	-0.029	57.284	-0.031	57.313	-0.038	57.390	-0.046	70.184	0.002	70.235	-0.005	70.304	0.007	70.373	0.010
57.442	-0.041	57.519	-0.033	57.599	-0.020	57.690	-0.011	70.442	0.008	70.506	0.009	70.558	0.012	70.604	0.011
57.764	-0.002	57.844	0.006	57.924	0.006	57.981	0.010	70.673	0.008	70.719	0.008	70.800	0.009	70.858	0.005
58.049	0.018	58.100	0.020	58.145	0.017	58.201	0.016	70.910	-0.003	70.956	-0.011	71.003	-0.007	71.060	-0.004
58.280	0.027	58.336	0.033	58.403	0.028	58.448	0.021	71.107	0.002	71.153	0.006	71.199	0.010	71.257	0.015
58.499	0.014	58.544	0.006	58.601	0.004	58.663	0.014	71.326	-0.011	71.407	0.007	71.482	0.009	71.546	0.003
58.720	0.019	58.783	0.015	58.845	0.011	58.908	0.007	71.605	0.003	71.663	0.005	71.716	0.007	71.792	0.012
58.965	0.002	59.027	0.005	59.063	0.006	59.104	0.001	71.850	0.015	71.921	0.015	71.979	0.021	72.020	0.027
59.151	-0.002	59.192	0.008	59.250	0.017	59.297	0.025	72.096	0.010	72.160	0.008	72.248	0.012	72.312	0.014
59.356	0.028	59.403	0.028	59.461	0.026	59.497	0.022	72.406	0.018	72.464	0.017	72.511	0.015	72.605	0.005
59.537	0.014	59.590	0.007	59.648	0.0	59.694	0.004	72.651	0.003	72.721	-0.004	72.791	0.003	72.849	0.004
59.758	0.008	59.840	0.007	59.892	0.013	59.962	0.025	72.908	-0.002	72.966	-0.010	73.042	-0.013	73.082	-0.011
60.008	0.014	60.071	0.003	60.110	-0.003	60.133	-0.008	73.129	-0.009	73.175	-0.014	73.239	-0.005	73.314	-0.003
60.178	-0.015	60.245	-0.021	60.312	-0.010	60.352	-0.025	73.372	-0.009	73.419	-0.014	73.488	-0.006	73.552	0.0
60.420	-0.029	60.499	-0.019	60.572	-0.010	60.612	-0.012	73.621	-0.002	73.689	0.005	73.747	0.015	73.816	0.020
60.703	-0.004	60.737	-0.002	60.793	0.002	60.861	0.004	73.879	0.023	73.937	0.025	74.061	0.021	74.069	0.017
60.935	-0.003	60.992	-0.006	61.072	-0.006	61.141	-0.003	74.116	0.023	74.168	0.025	74.261	0.025	74.319	0.017
61.170	0.0	61.216	0.007	61.274	0.015	61.343	0.014	74.366	0.015	74.436	0.017	74.488	0.025	74.558	0.031
61.441	0.014	61.527	0.015	61.590	0.016	61.652	0.005	74.625	0.035	74.705	0.041	74.758	0.045	74.799	0.039
61.715	-0.008	61.778	0.003	61.829	0.009	61.875	0.013	74.857	0.030	74.904	0.025	74.963	0.018	75.016	0.013
61.937	0.017	61.989	0.023	62.028	0.029	62.084	0.037	75.087	0.010	75.195	0.011	75.260	0.010	75.326	0.006
62.140	0.045	62.206	0.047	62.273	0.043	62.329	0.040	75.404	-0.002	75.457	-0.004	75.535	-0.006	75.596	-0.017
62.357	0.036	62.401	0.031	62.463	0.022	62.502	0.016	75.639	-0.020	75.706	-0.020	75.779	-0.024	75.834	-0.017
62.541	0.011	62.592	0.005	62.631	0.004	62.687	0.008	75.889	-0.011	75.938	-0.010	75.999	-0.018	76.035	-0.020
62.749	0.012	62.823	0.010	62.845	0.010	62.913	0.016	76.123	-0.013	76.194	-0.010	76.271	-0.012	76.318	-0.013
62.997	0.019	63.043	0.018	63.084	0.014	63.136	0.003	76.406	-0.008	76.448	-0.007	76.513	-0.006	76.588	-0.007
63.182	-0.008	63.246	-0.016	63.316	-0.019	63.360	-0.017	76.617	-0.009	76.687	-0.005	76.739	-0.005	76.803	-0.007
63.484	-0.015	63.530	-0.011	63.582	-0.003	63.623	0.006	76.873	-0.004	76.920	0.002	77.007	0.007	77.091	0.004
63.681	0.006	63.763	0.005	63.809	0.005	63.885	0.005	77.188	0.010	77.255	0.016	77.322	0.021	77.382	0.025
63.931	0.006	63.985	0.006	64.048	0.006	64.094	0.008	77.449	0.025	77.528	0.019	77.595	0.015	77.655	0.014
64.152	0.015	64.210	0.019	64.268	0.014	64.337	0.009	77.722	0.009	77.801	0.011	77.868	0.013	77.947	0.013
64.395	0.006	64.505	0.002	64.598	0.002	64.662	0.001	78.020	0.007	78.084	0.005	78.153	0.006	78.217	0.013
64.732	0.0	64.807	-0.002	64.859	0.003	64.900	0.008	78.304	0.020	78.397	0.020	78.484	0.023	78.541	0.026
64.946	0.015	64.992	0.019	65.039	0.023	65.084	0.030	78.599	0.027	78.651	0.030	78.714	0.031	78.777	0.031
65.159	0.039	65.250	0.040	65.296	0.037	65.358	0.033	78.852	-0.029	78.904	0.027	78.967	0.026	79.013	0.021
65.404	0.030	65.479	0.027	65.519	0.019	65.559	0.014	79.048	0.015	79.101	0.009	79.148	0.005	79.195	-0.003
65.610	0.008	65.668	0.001	65.702	-0.005	65.765	-0.009	79.236	-0.005	79.295	-0.007	79.354	-0.009	79.419	-0.011
65.839	-0.015	65.897	-0.019	65.971	-0.022	66.034	-0.023	79.489	-0.010	79.542	-0.011	79.623	-0.011	79.687	-0.009
66.086	-0.012	66.150	-0.006	66.231	-0.007	66.329	-0.007	79.751	-0.006	79.827	-0.006	79.873	-0.008	79.908	-0.011

80.013	-0.006	80.099	-0.004	80.197	-0.004	80.284	-0.004	95.958	0.008	96.023	0.011	96.089	0.013	96.136	0.014
80.341	0.004	80.422	0.011	80.491	0.009	80.561	0.007	96.184	0.015	96.232	0.016	96.286	0.017	96.363	0.017
80.607	0.007	80.689	0.004	80.782	0.012	80.846	0.011	96.411	0.018	96.471	0.019	96.525	0.021	96.603	0.022
80.910	0.006	80.956	0.004	81.008	0.003	81.090	0.009	96.699	0.022	96.747	0.018	96.826	0.013	96.910	0.006
81.148	0.009	81.207	0.006	81.265	0.004	81.341	0.002	96.988	0.002	97.067	-0.002	97.139	-0.004	97.205	-0.006
81.399	0.006	81.475	0.009	81.539	0.009	81.586	0.005	97.260	-0.008	97.344	-0.004	97.440	-0.005	97.530	0.004
81.621	0.006	81.674	0.009	81.750	0.010	81.849	0.005	97.619	0.008	97.695	0.011	97.766	0.013	97.830	0.014
81.931	0.005	81.972	0.004	82.019	0.002	82.065	0.0	97.895	0.015	97.971	0.014	98.042	0.011	98.114	0.009
82.171	0.001	82.258	-0.002	82.369	0.004	82.434	0.002	98.214	0.007	98.309	0.006	98.381	0.002	98.452	-0.003
82.521	0.004	82.591	-0.004	82.685	0.003	82.772	0.004	98.511	-0.005	98.591	-0.006	98.640	-0.006	98.695	-0.004
82.842	-0.004	82.912	-0.006	82.970	-0.004	83.046	0.001	98.775	-0.003	98.891	0.0	98.971	-0.002	99.045	-0.004
83.127	0.005	83.202	0.009	83.271	0.012	83.357	0.015	99.112	-0.004	99.154	-0.004	99.252	-0.003	99.331	-0.003
83.432	0.018	83.501	0.022	83.595	0.025	83.648	0.018	99.380	0.001	99.435	0.004	99.526	0.004	99.615	0.005
83.706	0.013	83.759	0.011	83.829	0.015	83.935	0.017	99.657	0.005	99.734	0.003	99.794	0.003	99.895	0.005
83.999	0.016	84.101	0.011	84.185	0.013	84.269	0.014	99.949	0.006	100.002	0.008	100.091	0.011	100.185	0.011
84.347	0.010	84.425	0.005	84.498	-0.002	84.569	-0.004	100.268	0.014	100.345	0.015	100.409	0.018	100.463	0.020
84.669	0.0	84.764	0.007	84.865	0.012	84.942	0.015	100.569	0.013	100.689	0.019	100.755	0.016	100.839	0.013
85.019	0.015	85.089	0.013	85.142	0.009	85.224	0.003	100.941	0.013	100.995	0.013	101.078	0.015	101.143	0.016
85.300	0.0	85.388	-0.004	85.482	-0.003	85.611	0.002	101.237	0.018	101.279	0.015	101.356	0.011	101.451	0.006
85.675	0.002	85.763	0.0	85.840	0.002	85.916	0.009	101.521	0.003	101.586	0.001	101.679	0.0	101.749	0.0
86.004	0.015	86.068	0.015	86.151	0.019	86.233	0.021	101.801	-0.002	101.871	-0.003	101.941	-0.002	102.005	0.001
86.285	0.017	86.338	0.012	86.403	0.006	86.450	0.005	102.040	0.001	102.128	0.001	102.181	0.003	102.251	0.004
86.538	0.006	86.638	0.0	86.715	-0.007	86.769	-0.009	102.321	-0.003	102.409	-0.003	102.473	-0.006	102.543	-0.010
86.851	-0.016	86.922	-0.015	87.005	-0.017	87.083	-0.016	102.619	-0.008	102.705	-0.008	102.798	-0.003	102.897	0.003
87.154	-0.014	87.238	-0.009	87.292	-0.009	87.363	0.003	102.972	-0.006	103.042	0.007	103.107	0.008	103.184	0.012
87.429	0.0	87.501	0.002	87.596	0.006	87.661	0.007	103.266	-0.009	103.343	0.004	103.414	0.020	103.473	0.041
87.732	0.005	87.786	0.004	87.857	0.006	87.922	0.007	103.526	0.006	103.622	0.039	103.677	0.014	103.731	0.027
88.023	0.010	88.135	0.010	88.135	0.004	88.194	0.005	103.779	0.032	103.845	0.020	103.888	0.026	103.954	0.020
88.271	0.002	88.324	0.007	88.401	0.014	88.495	0.018	104.014	0.021	104.074	0.017	104.128	0.015	104.176	0.014
88.542	0.021	88.631	0.028	88.690	0.019	88.743	0.013	104.230	0.003	104.272	0.002	104.325	0.003	104.385	0.005
88.819	0.007	88.914	0.010	89.014	0.011	89.073	0.014	104.427	0.003	104.469	0.0	104.541	0.012	104.611	0.016
89.178	0.018	89.272	0.019	89.378	0.019	89.448	0.016	104.670	-0.008	104.729	0.005	104.788	0.006	104.824	0.006
89.489	0.013	89.542	0.010	89.613	0.007	89.684	0.007	104.865	-0.003	104.918	0.001	104.995	0.011	105.036	0.007
89.749	0.010	89.814	0.011	89.902	0.008	89.932	0.006	105.083	0.002	105.113	-0.003	105.154	-0.006	105.225	-0.004
90.002	0.008	90.067	0.008	90.121	0.010	90.186	0.004	105.272	-0.008	105.355	0.0	105.384	-0.007	105.432	-0.010
90.239	0.005	90.310	0.004	90.375	0.005	90.458	0.006	105.496	-0.002	105.544	-0.013	105.592	-0.006	105.652	-0.002
90.482	0.007	90.564	0.009	90.611	0.013	90.652	0.011	105.700	0.004	105.766	-0.009	105.819	0.006	105.843	0.009
90.729	0.011	90.799	0.011	90.894	0.008	90.970	0.011	105.915	0.003	106.005	0.006	106.089	0.006	106.156	0.009
91.011	0.010	91.081	0.006	91.134	0.009	91.204	0.009	106.210	0.014	106.258	0.015	106.318	0.012	106.403	0.006
91.268	0.010	91.314	0.010	91.408	0.017	91.478	0.011	106.463	0.012	106.541	0.010	106.608	0.015	106.662	0.017
91.564	0.009	91.628	0.005	91.708	-0.004	91.794	-0.004	106.723	0.006	106.771	0.008	106.807	0.007	106.874	0.016
91.869	-0.006	91.950	-0.008	92.048	-0.005	92.123	0.001	106.934	0.010	107.019	0.013	107.055	0.008	107.122	0.005
92.222	-0.003	92.286	-0.002	92.338	0.002	92.385	0.001	107.164	0.005	107.213	0.006	107.257	0.014	107.322	0.006
92.466	-0.003	92.530	-0.003	92.571	-0.004	92.630	-0.005	107.382	0.004	107.449	0.007	107.522	-0.007	107.599	0.003
92.682	-0.006	92.752	-0.003	92.799	0.001	92.869	0.005	107.676	0.001	107.736	-0.008	107.807	0.0	107.867	-0.002
92.916	0.007	92.981	0.009	93.033	0.010	93.108	0.010	107.938	0.003	107.986	0.005	108.062	0.005	108.132	0.003
93.155	0.008	93.213	0.008	93.271	0.006	93.323	0.010	108.191	-0.002	108.243	0.022	108.284	0.003	108.348	0.018
93.387	0.015	93.485	0.013	93.543	0.013	93.613	0.015	108.389	0.012	108.453	0.028	108.517	0.007	108.570	0.015
93.707	0.010	93.823	0.011	93.916	0.005	93.981	0.003	108.628	0.021	108.692	0.027	108.739	0.016	108.797	0.011
94.033	0.0	94.121	-0.005	94.179	-0.004	94.244	-0.002	108.855	0.017	108.919	0.019	108.978	0.017	109.019	0.015
94.337	-0.003	94.390	0.001	94.448	0.003	94.530	0.006	109.077	0.009	109.147	0.014	109.199	0.009	109.263	0.003
94.595	0.007	94.684	0.006	94.743	0.006	94.808	0.007	109.339	0.006	109.403	0.006	109.502	0.010	109.574	0.007
94.891	0.006	94.968	0.006	95.016	0.006	95.075	0.005	109.663	0.006	109.722	0.006	109.800	0.009	109.883	0.003
95.146	0.006	95.217	0.006	95.289	0.008	95.354	0.009	109.949	0.006	110.002	0.0	110.075	0.006	110.154	0.005
95.431	0.011	95.490	0.012	95.544	0.008	95.638	0.009	110.239	0.010	110.318	0.003	110.385	0.009	110.433	0.005
95.715	0.008	95.786	0.007	95.834	0.011	95.905	0.006	110.482	0.006	110.530	0.001	110.590	0.004	110.650	-0.007

110.733	0.004	110.769	-0.006	110.834	-0.005	110.894	-0.008	125.803	0.006	125.851	0.006	125.923	0.007	125.978	0.005
110.947	0.003	111.030	-0.011	111.101	-0.005	111.148	-0.003	126.032	-0.006	126.096	0.006	126.167	0.007	126.225	0.008
111.212	-0.008	111.230	-0.008	111.271	-0.005	111.335	0.0	126.314	0.007	126.361	0.006	126.438	0.006	126.479	0.006
111.376	0.003	111.435	-0.010	111.505	-0.009	111.575	-0.025	126.532	0.006	126.605	0.006	126.685	0.006	126.764	0.006
111.647	-0.003	111.701	-0.005	111.766	0.002	111.795	0.004	126.868	0.006	126.935	0.006	126.996	0.006	127.056	0.006
111.866	0.002	111.931	0.006	111.979	0.013	112.026	0.004	127.109	0.006	127.180	0.006	127.246	0.006	127.305	0.006
112.074	0.013	112.128	0.008	112.170	0.011	112.212	0.016	127.352	0.007	127.400	0.007	127.495	0.007	127.582	0.006
112.278	0.003	112.355	0.016	112.403	0.010	112.469	0.013	127.635	0.007	127.699	0.008	127.751	0.006	127.838	0.011
112.511	0.005	112.595	0.011	112.668	0.008	112.722	0.006	127.908	0.006	127.955	0.004	128.007	0.006	128.048	0.006
112.770	0.009	112.800	0.011	112.848	0.002	112.921	0.011	128.090	0.009	128.137	0.009	128.191	0.012	128.262	0.012
113.005	0.003	113.053	0.005	113.113	0.004	113.155	0.006	128.280	0.011	128.363	0.019	128.428	0.014	128.464	0.013
113.197	0.006	113.227	0.008	113.293	0.001	113.340	0.006	128.523	0.016	128.576	0.015	128.646	0.014	128.698	0.014
113.382	0.010	113.424	0.015	113.508	0.007	113.555	0.011	128.780	0.012	128.845	0.013	128.891	0.012	128.956	0.013
113.836	0.010	113.655	0.013	113.719	0.010	113.777	0.008	128.985	0.014	129.043	0.016	129.096	0.015	129.148	0.016
113.894	0.013	113.894	0.006	113.959	0.016	114.000	0.018	129.218	0.015	129.277	0.015	129.335	0.016	129.387	0.013
114.034	0.014	114.075	0.009	114.138	-0.001	114.207	0.011	129.481	0.013	129.528	0.012	129.612	0.009	129.672	0.007
114.253	0.012	114.310	0.004	114.345	-0.004	114.419	0.007	129.732	0.006	129.834	0.004	129.882	0.003	129.936	0.001
114.465	0.004	114.535	0.006	114.594	0.004	114.660	0.006	129.990	0.002	130.050	-0.003	130.129	0.001	130.190	-0.003
114.749	-0.003	114.814	0.004	114.885	-0.003	114.938	0.002	130.280	-0.004	130.329	0.002	130.389	0.006	130.438	0.006
115.028	0.006	115.109	0.003	115.159	0.005	115.252	0.008	130.504	0.011	130.570	0.008	130.641	0.011	130.730	0.010
115.315	0.003	115.427	0.005	115.458	0.006	115.514	0.001	130.777	0.012	130.848	0.015	130.866	0.016		
115.576	0.003	115.638	0.001	115.713	0.003	115.781	0.001								
115.849	0.005	115.905	0.0	115.974	-0.002	116.035	-0.002								
116.053	-0.003	116.146	-0.005	116.216	0.0	116.274	0.0								
116.333	0.0	116.421	0.0	116.473	0.001	116.520	0.002								
116.560	0.004	116.595	0.001	116.658	0.001	116.710	-0.002								
116.768	0.003	116.820	0.006	116.883	0.005	116.946	0.002								
117.016	0.006	117.088	0.008	117.142	0.008	117.185	0.009								
117.239	0.009	117.287	0.010	117.324	0.011	117.408	0.009								
117.487	0.013	117.577	0.010	117.654	0.012	117.731	0.013								
117.803	0.011	117.856	0.011	117.904	0.013	117.969	0.016								
118.017	0.012	118.063	0.012	118.143	0.016	118.178	0.013								
118.258	0.011	118.327	0.015	118.378	0.016	118.441	0.012								
118.533	0.008	118.643	0.006	118.753	0.005	118.834	0.004								
118.914	0.004	119.019	0.004	119.072	0.003	119.148	0.005								
119.219	0.006	119.308	0.009	119.378	0.008	119.455	0.010								
119.526	0.008	119.598	0.005	119.683	0.004	119.743	0.002								
119.803	0.002	119.857	0.004	119.924	0.006	120.002	0.002								
120.026	0.002	120.093	0.004	120.154	0.004	120.221	0.003								
120.270	0.002	120.343	0.004	120.459	0.004	120.579	0.006								
120.657	0.006	120.722	0.005	120.799	0.005	120.870	0.006								
120.941	0.004	121.013	0.002	121.083	0.005	121.135	0.007								
121.200	0.004	121.252	0.003	121.311	0.004	121.387	0.002								
121.481	-0.002	121.504	-0.002	121.569	-0.003	121.646	-0.002								
121.694	0.0	121.771	-0.003	121.818	-0.004	121.907	-0.003								
121.984	-0.003	122.067	0.002	122.166	0.001	122.242	0.006								
122.289	0.007	122.394	0.007	122.482	0.008	122.558	0.010								
122.628	0.011	122.710	0.010	122.833	0.012	122.874	0.012								
123.002	0.015	123.135	0.016	123.269	0.013	123.360	0.012								
123.463	0.012	123.585	0.010	123.707	0.010	123.855	0.010								
124.026	0.009	124.101	0.007	124.188	0.006	124.269	0.005								
124.338	0.003	124.425	0.003	124.488	0.003	124.562	0.003								
124.641	0.002	124.704	0.002	124.771	0.0	124.833	0.002								
124.907	-0.003	125.009	-0.002	125.087	0.0	125.178	0.001								
125.282	0.002	125.354	0.001	125.421	0.001	125.482	0.002								
125.549	0.002	125.627	0.002	125.688	0.003	125.760	0.005								

IV315

33.003. 3/10/33 1754PST PUBLIC UTILITIES BLDG., LONG BEACH, CAL. WEST

2021 PCINTS 130.868 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCRD, MINIMIZED IN THE ABOVE ALIGNMENT AORRECTION, IS 0.1534 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.371	0.116	0.018	0.165	-0.388	0.255	1.130	14.232	-0.350	14.405	-0.027	14.462	-0.056	14.544	-0.051	14.976	-0.108
0.382	-0.384	0.410	0.110	0.495	-0.400	0.580	-0.920	14.647	-0.178	14.810	0.049	14.925	-0.132	14.976	-0.108	15.302	-0.071
0.620	-0.480	0.670	-0.610	0.710	-0.010	0.769	0.690	15.054	-0.140	15.149	-0.046	15.182	-0.051	15.302	-0.071	15.559	0.059
0.818	-0.475	0.925	0.768	1.041	-0.013	1.119	-0.352	15.419	-0.175	15.466	-0.017	15.505	-0.056	15.559	0.059	15.769	-0.003
1.181	-1.116	1.227	1.835	1.275	1.070	1.319	1.193	15.608	-0.004	15.639	0.011	15.708	-0.025	15.769	-0.003	16.077	-0.014
1.372	C.656	1.472	0.810	1.536	-0.515	1.624	1.775	15.824	0.007	15.872	0.052	15.956	-0.046	16.077	-0.014	16.484	-0.253
1.689	-1.363	1.872	1.210	2.040	-1.230	2.116	C.770	16.192	0.0	16.294	0.103	16.408	0.046	16.484	-0.253	16.969	0.147
2.228	-0.962	2.228	-0.569	2.239	-1.023	2.435	1.448	16.655	-0.110	16.728	-0.057	16.814	-0.016	16.969	0.147	17.513	0.068
2.456	-1.314	2.703	1.790	2.755	-1.329	2.909	0.839	17.100	0.064	17.249	0.131	17.418	0.024	17.513	0.068	17.808	-0.064
3.000	-0.320	3.050	0.200	3.085	-0.100	3.120	-0.400	17.680	-0.036	17.706	-0.001	17.782	-0.111	17.808	-0.064	18.179	-0.120
3.170	-0.860	3.196	-1.413	3.222	1.779	3.388	-0.813	17.959	-0.223	18.050	-0.118	18.134	-0.199	18.179	-0.120	18.521	0.039
3.496	0.058	3.567	-0.885	3.746	0.419	3.868	-0.909	18.236	-0.140	18.270	-0.001	18.328	-0.155	18.521	0.039	18.935	0.054
3.959	1.057	4.077	-0.892	4.145	1.297	4.330	-0.835	18.605	0.005	18.658	0.029	18.808	-0.106	18.935	0.054	19.133	-0.029
4.464	0.004	4.527	-0.375	4.536	0.812	4.673	-0.283	19.008	-0.102	19.079	0.005	19.118	-0.036	19.133	-0.029	19.523	0.089
4.700	1.286	4.877	-1.266	4.931	0.337	5.010	-0.844	19.201	-0.111	19.311	0.030	19.423	-0.059	19.523	0.089	19.948	0.091
5.185	0.851	5.264	-0.341	5.404	0.758	5.577	-1.402	19.674	-0.107	19.828	0.086	19.909	0.059	19.948	0.091	20.220	0.065
5.583	0.845	5.751	-0.837	5.864	0.667	5.920	0.250	20.029	0.002	20.126	0.063	20.186	0.038	20.220	0.065	20.604	0.037
5.922	0.868	6.064	-0.393	6.076	0.796	6.169	0.171	20.352	-0.008	20.447	0.051	20.538	0.016	20.604	0.037	21.006	0.040
6.248	0.699	6.450	-0.552	6.469	0.751	6.626	-0.044	20.740	-0.058	20.860	0.038	20.955	0.016	21.006	0.040	21.304	-0.091
6.691	0.222	6.720	-0.002	6.768	0.187	6.837	-1.400	21.085	0.003	21.134	-0.022	21.254	-0.124	21.304	-0.091	21.659	-0.001
6.912	1.079	7.093	-1.102	7.132	1.118	7.239	0.805	21.391	-0.123	21.464	0.066	21.550	-0.124	21.659	-0.001	21.894	0.103

28.972	0.056	29.091	0.018	29.145	0.035	29.269	0.004	40.203	-0.014	40.254	-0.014	40.300	-0.012	40.374	-0.017
29.332	0.028	29.384	0.031	29.441	0.024	29.493	0.029	40.414	-0.036	40.466	-0.044	40.500	-0.044	40.570	-0.013
29.556	0.039	29.602	0.016	29.647	-0.025	29.716	-0.049	40.617	-0.036	40.664	-0.040	40.735	-0.026	40.788	-0.026
29.768	-0.032	29.819	-0.030	29.864	-0.030	29.937	-0.058	40.858	-0.019	40.905	-0.019	40.953	-0.025	40.988	-0.026
29.862	-0.035	29.917	-0.012	29.945	-0.027	29.980	-0.049	41.035	-0.010	41.069	-0.001	41.110	0.006	41.168	0.018
30.026	-0.093	30.112	-0.065	30.164	-0.082	30.215	-0.066	41.209	0.031	41.250	0.034	41.290	0.034	41.319	0.032
30.250	-0.080	30.365	-0.056	30.428	-0.034	30.497	-0.046	41.366	0.026	41.407	0.017	41.453	0.010	41.483	0.002
30.520	-0.048	30.554	-0.033	30.616	-0.045	30.673	-0.049	41.517	-0.005	41.540	-0.012	41.575	-0.019	41.639	-0.014
30.724	-0.028	30.769	-0.014	30.843	-0.007	30.882	-0.010	41.685	-0.011	41.737	-0.016	41.789	-0.019	41.847	-0.004
30.928	-0.005	30.967	0.005	31.057	0.006	31.085	0.006	41.899	-0.002	41.939	-0.002	42.003	0.006	42.061	0.012
31.124	-0.002	31.179	-0.003	31.234	-0.003	31.273	0.002	42.120	0.019	42.155	0.025	42.207	0.029	42.248	0.022
31.334	0.017	31.378	0.025	31.445	0.053	31.534	0.129	42.283	0.012	42.313	0.001	42.359	0.012	42.412	0.020
31.556	0.119	31.601	0.067	31.618	0.044	31.673	0.052	42.459	0.011	42.494	0.020	42.546	0.031	42.593	0.016
31.707	0.038	31.740	0.018	31.785	-0.015	31.847	-0.010	42.645	-0.005	42.656	-0.007	42.720	0.008	42.772	0.014
31.869	-0.023	31.919	-0.019	31.953	-0.045	32.009	-0.035	42.819	-0.006	42.871	-0.001	42.906	-0.026	42.969	-0.022
32.048	-0.040	32.071	-0.042	32.122	-0.026	32.185	0.056	43.027	-0.037	43.068	-0.048	43.103	-0.037	43.150	-0.002
32.213	0.067	32.253	0.047	32.310	0.026	32.366	0.045	43.214	-0.001	43.272	0.010	43.307	-0.006	43.369	0.027
32.412	0.044	32.457	0.030	32.474	0.017	32.544	0.039	43.395	-0.031	43.441	-0.014	43.494	0.001	43.517	0.007
32.589	0.041	32.612	0.026	32.658	0.009	32.699	-0.012	43.546	-0.009	43.587	-0.004	43.622	-0.020	43.675	-0.004
32.762	0.024	32.831	0.012	32.881	0.008	32.866	0.024	43.728	0.009	43.769	-0.003	43.810	-0.017	43.839	-0.018
32.923	0.038	32.964	0.039	33.004	0.022	33.045	0.006	43.886	0.001	43.950	0.012	43.985	0.005	44.020	-0.004
33.085	-0.007	33.144	0.020	33.190	-0.001	33.237	0.024	44.077	-0.008	44.112	-0.019	44.152	-0.029	44.204	-0.019
33.272	0.004	33.312	-0.039	33.388	-0.051	33.428	-0.065	44.238	-0.002	44.279	0.003	44.325	0.0	44.365	-0.001
33.504	0.021	33.527	0.0	33.550	-0.011	33.573	-0.037	44.405	-0.005	44.440	0.007	44.497	0.007	44.526	0.010
33.608	-0.044	33.682	-0.025	33.728	-0.015	33.769	-0.039	44.578	0.011	44.619	-0.002	44.653	-0.011	44.682	-0.009
33.815	-0.050	33.866	-0.039	33.895	-0.053	33.941	-0.089	44.723	-0.005	44.764	0.001	44.798	0.004	44.833	-0.001
33.970	-0.104	34.044	-0.082	34.125	-0.106	34.188	-0.072	44.868	-0.005	44.932	0.004	44.955	0.0	44.993	-0.014
34.274	-0.058	34.314	-0.056	34.388	-0.046	34.463	-0.037	45.048	-0.020	45.112	-0.020	45.159	-0.018	45.223	-0.017
34.508	-0.035	34.572	-0.039	34.613	-0.033	34.641	-0.021	45.282	-0.016	45.334	-0.013	45.370	-0.009	45.399	0.002
34.676	-0.033	34.743	-0.003	34.792	-0.007	34.861	0.049	45.451	0.012	45.486	0.013	45.510	0.006	45.556	-0.002
34.925	0.062	34.954	0.038	34.994	0.032	35.058	0.072	45.585	-0.005	45.625	-0.008	45.659	-0.007	45.694	-0.002
35.121	0.051	35.191	0.034	35.254	0.033	35.312	0.013	45.728	0.005	45.769	0.014	45.797	0.002	45.843	-0.007
35.341	0.012	35.393	0.052	35.439	0.062	35.508	0.047	45.883	0.0	45.912	0.005	45.958	-0.002	46.016	0.003
35.620	0.050	35.667	0.034	35.731	0.016	35.802	0.039	46.056	-0.003	46.095	-0.015	46.135	-0.016	46.192	-0.011
35.849	0.014	35.895	-0.002	35.948	0.014	36.001	-0.017	46.244	-0.022	46.283	-0.031	46.329	-0.037	46.380	-0.023
36.048	-0.024	36.094	-0.012	36.153	-0.002	36.217	-0.009	46.426	-0.009	46.449	-0.002	46.489	0.002	46.517	0.003
36.287	0.018	36.322	0.012	36.368	-0.011	36.415	-0.027	46.563	-0.001	46.598	-0.002	46.638	-0.004	46.684	-0.008
36.473	-0.037	36.532	-0.021	36.601	-0.013	36.653	0.0	46.718	-0.010	46.747	-0.009	46.781	-0.003	46.827	0.003
36.673	-0.019	36.745	-0.033	36.808	-0.029	36.849	-0.040	46.885	-0.002	46.925	-0.004	46.960	-0.010	47.005	-0.022
36.889	-0.043	36.947	-0.024	36.975	-0.012	37.022	-0.014	47.057	-0.009	47.104	-0.047	47.138	-0.033	47.184	-0.095
37.057	0.002	37.099	-0.018	37.135	-0.035	37.188	-0.021	47.288	0.119	47.357	-0.055	47.409	-0.021	47.455	-0.012
37.236	-0.033	37.313	-0.014	37.361	-0.027	37.403	-0.038	47.484	-0.023	47.536	0.007	47.570	-0.017	47.650	0.008
37.456	-0.044	37.516	-0.041	37.564	-0.031	37.617	-0.011	47.702	-0.010	47.731	-0.014	47.811	-0.009	47.845	-0.002
37.683	0.010	37.743	0.027	37.796	0.021	37.838	-0.001	47.874	-0.014	47.943	0.002	47.994	-0.009	48.046	-0.002
37.874	-0.020	37.916	-0.003	38.011	0.012	38.063	-0.002	48.086	0.017	48.121	0.020	48.202	0.022	48.276	0.027
38.121	0.006	38.173	0.001	38.231	0.006	38.289	0.015	48.351	0.031	48.386	0.023	48.415	0.008	48.467	0.002
38.335	0.026	38.387	0.032	38.404	0.026	38.428	0.017	48.530	0.012	48.611	0.063	48.663	0.073	48.686	0.062
38.435	-0.003	38.526	-0.002	38.579	0.007	38.625	-0.011	48.790	0.034	48.825	0.017	48.871	0.008	48.929	0.002
38.666	-0.028	38.719	-0.005	38.772	0.007	38.818	-0.006	48.981	-0.002	49.038	-0.003	49.106	-0.002	49.168	0.002
38.871	-0.026	38.925	-0.009	38.976	0.001	39.023	-0.009	49.213	-0.010	49.275	-0.028	49.326	-0.028	49.388	-0.023
39.053	-0.023	39.088	-0.031	39.124	-0.013	39.166	-0.005	49.439	-0.027	49.496	-0.020	49.547	-0.025	49.610	-0.020
39.195	-0.003	39.231	-0.018	39.261	-0.034	39.302	-0.041	49.678	-0.015	49.724	-0.012	49.763	-0.017	49.803	-0.022
39.332	-0.026	39.385	-0.008	39.433	-0.015	39.504	-0.002	49.860	-0.026	49.912	-0.022	49.974	0.004	50.009	0.005
39.544	0.003	39.579	0.0	39.653	0.021	39.716	0.032	50.055	0.003	50.128	0.013	50.178	0.017	50.224	0.023
39.768	0.025	39.831	0.015	39.894	0.009	39.940	0.010	50.271	0.028	50.323	0.032	50.376	0.035	50.446	0.032
39.980	-0.002	40.026	-0.025	40.049	-0.041	40.140	-0.021	50.487	0.023	50.504	0.012	50.545	0.004	50.614	0.006

50.660	0.005	50.706	0.005	50.753	-0.001	50.805	-0.005	62.920	0.020	62.971	0.016	63.045	0.016	63.091	0.011
50.839	-0.018	50.880	-0.031	50.920	-0.036	50.990	-0.036	63.149	0.005	63.213	0.010	63.282	0.016	63.311	0.010
51.068	-0.035	51.106	-0.035	51.176	-0.037	51.217	-0.024	63.421	0.018	63.479	0.012	63.537	0.007	63.607	0.002
51.269	-0.010	51.310	-0.021	51.363	-0.002	51.427	0.008	63.694	-0.001	63.758	-0.005	63.817	-0.011	63.898	-0.015
51.479	0.004	51.532	0.009	51.597	0.013	51.662	0.008	63.985	-0.018	64.055	-0.021	64.119	-0.029	64.182	-0.033
51.721	0.023	51.762	0.034	51.821	0.024	51.868	0.031	64.258	-0.031	64.327	-0.022	64.408	-0.029	64.507	-0.032
51.927	0.038	51.992	0.014	52.033	-0.022	52.103	0.032	64.564	-0.029	64.663	-0.022	64.750	-0.022	64.820	-0.020
52.174	-0.027	52.226	-0.020	52.273	-0.012	52.326	-0.005	64.907	-0.012	65.006	-0.007	65.080	-0.003	65.148	-0.002
52.372	-0.006	52.431	0.006	52.489	-0.001	52.541	0.009	65.217	0.002	65.348	0.011	65.386	0.018	65.423	0.024
52.616	-0.037	52.645	-0.039	52.725	-0.014	52.805	-0.018	65.491	0.031	65.577	0.041	65.663	0.043	65.732	0.039
52.845	-0.021	52.908	-0.027	52.931	-0.028	53.000	-0.028	65.795	0.031	65.847	0.021	65.915	0.017	65.973	0.012
53.029	-0.023	53.115	-0.016	53.189	-0.013	53.269	-0.017	66.036	0.005	66.105	-0.003	66.175	-0.005	66.221	-0.006
53.309	-0.009	53.361	-0.020	53.435	-0.018	53.504	-0.017	66.273	-0.003	66.331	-0.004	66.371	-0.004	66.429	-0.002
53.580	-0.006	53.619	0.014	53.654	0.008	53.694	-0.003	66.481	-0.001	66.567	-0.009	66.619	-0.015	66.676	-0.015
53.752	-0.019	53.804	0.015	53.856	0.001	53.908	-0.007	66.738	-0.005	66.893	0.003	66.876	0.008	66.933	0.003
53.965	-0.002	54.017	0.001	54.096	-0.009	54.164	-0.002	66.967	0.0	67.024	-0.003	67.076	-0.005	67.122	0.0
54.237	0.011	54.316	0.014	54.373	0.017	54.418	0.014	67.185	0.006	67.242	-0.006	67.282	-0.002	67.322	-0.009
54.486	0.018	54.526	0.018	54.583	0.006	54.640	0.010	67.368	-0.015	67.454	-0.013	67.523	-0.017	67.574	-0.021
54.702	0.010	54.755	0.015	54.793	0.014	54.839	0.007	67.626	-0.023	67.683	-0.013	67.741	-0.004	67.786	0.003
54.890	-0.001	54.959	0.004	55.033	-0.017	55.115	0.014	67.838	0.002	67.907	0.002	67.970	0.003	68.039	0.007
55.167	0.011	55.237	0.001	55.277	0.003	55.347	0.003	68.090	0.010	68.148	0.002	68.188	0.001	68.257	0.008
55.417	0.003	55.458	0.007	55.510	0.010	55.567	0.016	68.326	0.008	68.383	0.018	68.401	0.019	68.435	0.011
55.613	0.022	55.670	0.023	55.716	0.023	55.779	0.025	68.498	0.002	68.585	0.001	68.631	0.0	68.689	0.003
55.831	0.013	55.882	0.001	55.923	-0.010	55.986	-0.013	68.753	0.004	68.799	0.002	68.845	0.001	68.886	0.001
56.060	-0.004	56.100	-0.014	56.163	-0.021	56.231	-0.018	68.920	0.001	68.961	0.002	68.967	0.004	69.052	0.002
56.283	-0.035	56.323	-0.038	56.380	-0.027	56.431	-0.011	69.098	0.0	69.143	0.005	69.194	0.013	69.239	0.016
56.494	-0.028	56.541	-0.029	56.611	-0.024	56.676	-0.018	69.268	0.017	69.319	0.017	69.353	0.016	69.387	0.011
56.769	-0.015	56.816	-0.015	56.881	-0.019	56.957	-0.025	69.415	0.005	69.443	0.004	69.506	0.0	69.573	-0.002
57.033	-0.018	57.110	-0.022	57.162	-0.024	57.221	0.0	69.647	-0.001	69.692	-0.002	69.771	-0.003	69.821	-0.002
57.286	0.020	57.344	0.010	57.405	0.013	57.456	0.018	69.872	0.001	69.906	-0.015	69.979	-0.024	70.042	-0.016
57.485	0.020	57.531	0.022	57.577	0.020	57.617	0.016	70.093	-0.012	70.162	-0.012	70.220	-0.011	70.277	-0.017
57.651	0.014	57.691	0.012	57.737	0.008	57.760	-0.006	70.340	-0.021	70.392	-0.019	70.455	-0.018	70.530	-0.016
57.800	0.005	57.869	0.008	57.891	0.0	57.954	-0.013	70.571	-0.016	70.617	-0.016	70.675	-0.015	70.750	-0.017
58.000	-0.021	58.045	-0.022	58.090	-0.018	58.129	-0.013	70.808	-0.011	70.877	-0.004	70.935	-0.004	70.993	0.0
58.169	-0.005	58.214	0.002	58.253	0.008	58.304	0.006	71.045	0.005	71.091	0.009	71.137	0.012	71.172	0.016
58.371	0.010	58.410	0.014	58.438	0.005	58.483	0.0	71.218	0.018	71.258	0.022	71.305	0.026	71.362	0.029
58.528	0.007	58.580	0.012	58.625	0.014	58.665	0.016	71.409	0.025	71.455	0.017	71.513	0.011	71.583	0.016
58.705	0.016	58.750	0.016	58.795	0.013	58.841	0.008	71.641	0.005	71.723	0.009	71.782	0.003	71.846	0.002
58.869	0.004	58.909	0.0	58.955	-0.002	59.000	-0.003	71.922	0.004	71.975	0.007	72.016	0.003	72.062	0.0
59.047	-0.005	59.099	-0.005	59.134	-0.014	59.181	-0.020	72.133	0.004	72.203	0.008	72.244	-0.003	72.320	-0.002
59.264	-0.013	59.340	-0.014	59.416	-0.009	59.492	-0.001	72.402	-0.007	72.489	-0.005	72.542	-0.014	72.635	-0.011
59.545	0.002	59.585	0.0	59.632	-0.010	59.713	-0.018	72.717	-0.006	72.793	-0.005	72.863	-0.004	72.927	-0.004
59.766	-0.014	59.841	-0.008	59.888	-0.004	59.928	-0.003	72.973	-0.005	73.020	-0.006	73.066	-0.006	73.095	-0.008
59.975	-0.007	60.027	-0.013	60.117	-0.010	60.168	-0.004	73.142	-0.010	73.188	-0.010	73.235	-0.008	73.281	-0.007
60.230	-0.002	60.275	0.004	60.337	0.008	60.393	0.012	73.321	-0.009	73.362	-0.011	73.414	-0.004	73.449	0.0
60.461	0.019	60.528	0.022	60.579	0.021	60.647	0.019	73.484	0.003	73.536	0.006	73.605	0.009	73.691	0.012
60.687	0.021	60.732	0.025	60.778	0.026	60.823	0.023	73.754	0.008	73.812	0.006	73.863	0.008	73.950	0.002
60.874	0.019	60.891	0.014	60.931	0.010	60.953	0.007	74.059	0.005	74.100	0.004	74.187	0.005	74.234	0.001
60.993	0.002	61.033	-0.001	61.085	-0.002	61.131	-0.014	74.274	-0.005	74.321	-0.010	74.367	-0.003	74.431	0.001
61.171	-0.018	61.240	-0.015	61.315	-0.014	61.385	-0.013	74.490	-0.001	74.530	-0.001	74.601	0.003	74.671	-0.002
61.448	-0.014	61.517	-0.013	61.574	-0.012	61.625	-0.016	74.736	0.001	74.800	0.004	74.871	-0.001	74.935	0.0
61.665	-0.026	61.734	-0.027	61.791	-0.028	61.865	-0.031	75.047	0.003	75.137	-0.002	75.214	-0.002	75.254	-0.004
61.927	-0.026	62.001	-0.013	62.068	-0.012	62.146	-0.009	75.286	-0.005	75.352	-0.004	75.399	-0.002	75.459	-0.001
62.224	-0.004	62.280	0.005	62.358	0.007	62.414	0.009	75.501	-0.001	75.549	-0.003	75.616	-0.006	75.690	-0.006
62.481	0.015	62.548	0.023	62.593	0.021	62.644	0.015	75.732	-0.014	75.818	-0.018	75.897	-0.012	75.934	-0.008
62.654	0.012	62.756	0.018	62.818	0.022	62.869	0.023	75.994	-0.011	76.054	-0.007	76.113	-0.001	76.172	0.004

76.237	0.007	76.284	0.007	76.337	0.009	76.390	0.009	90.801	-0.002	90.901	0.001	90.977	0.0	91.048	-0.001
76.455	0.005	76.514	0.008	76.572	0.009	76.613	0.007	91.147	0.004	91.211	0.002	91.293	0.011	91.386	0.006
76.660	0.003	76.712	-0.002	76.753	-0.006	76.782	-0.012	91.438	0.006	91.514	0.003	91.612	0.003	91.664	0.003
76.834	-0.016	76.908	-0.014	76.962	-0.020	77.039	-0.025	92.084	-0.001	91.830	-0.002	91.917	-0.004	91.957	-0.010
77.123	-0.020	77.201	-0.019	77.305	-0.019	77.378	-0.020	92.485	-0.016	92.177	-0.014	92.270	-0.012	92.392	-0.017
77.445	-0.013	77.495	-0.005	77.554	-0.006	77.596	-0.002	92.485	-0.016	92.620	-0.014	92.713	-0.010	92.801	-0.008
77.639	0.004	77.688	0.008	77.736	0.012	77.773	0.016	92.889	-0.005	92.959	-0.002	93.029	-0.002	93.098	-0.002
77.815	0.018	77.852	0.020	77.900	0.022	77.949	0.016	93.145	-0.001	93.197	0.003	93.272	0.0	93.353	0.004
78.004	0.003	78.056	0.002	78.103	0.002	78.178	-0.001	93.446	-0.002	93.498	0.003	93.591	0.010	93.679	0.009
78.236	0.0	78.311	0.001	78.358	0.0	78.427	-0.001	93.731	0.011	93.784	0.013	93.848	0.011	93.918	0.012
78.457	0.004	78.512	-0.001	78.612	-0.001	78.635	-0.002	93.988	0.012	94.058	0.011	94.105	0.010	94.152	0.006
78.698	-0.002	78.750	-0.003	78.802	0.001	78.836	0.003	94.228	0.008	94.257	0.008	94.333	0.002	94.421	0.002
78.917	-0.003	79.003	0.001	79.073	0.002	79.144	0.0	94.479	-0.002	94.532	-0.003	94.591	-0.003	94.656	-0.004
79.208	0.002	79.261	0.004	79.361	-0.003	79.402	-0.005	94.715	-0.003	94.786	-0.001	94.852	0.002	94.940	0.002
79.479	-0.006	79.549	-0.007	79.631	-0.011	79.683	-0.014	95.041	0.004	95.112	0.006	95.189	0.006	95.284	0.003
79.729	-0.016	79.776	-0.018	79.834	-0.013	79.915	-0.007	95.338	0.002	95.415	0.0	95.510	-0.002	95.589	-0.002
80.222	0.007	80.297	0.008	80.354	0.008	80.395	0.006	95.593	-0.002	95.646	-0.005	95.723	-0.011	95.800	-0.014
80.464	-0.001	80.504	0.0	80.562	0.003	80.638	0.005	95.894	-0.013	95.954	-0.014	96.049	-0.012	96.126	-0.010
80.702	0.003	80.725	0.001	80.812	0.003	80.859	0.001	96.186	-0.008	96.246	-0.005	96.305	-0.004	96.377	-0.003
80.928	0.003	80.975	-0.001	81.033	-0.005	81.097	-0.010	96.461	-0.004	96.496	-0.004	96.575	-0.002	96.641	-0.002
81.179	-0.013	81.249	-0.012	81.284	-0.011	81.331	-0.013	96.707	-0.002	96.761	-0.003	96.846	-0.004	96.906	-0.005
81.389	-0.015	81.447	-0.012	81.535	-0.010	81.581	-0.011	96.966	-0.006	97.026	-0.008	97.105	-0.011	97.177	-0.011
81.675	-0.007	81.751	-0.006	81.821	-0.003	81.886	-0.002	97.261	-0.009	97.346	-0.009	97.412	-0.010	97.484	-0.007
81.944	-0.007	82.003	-0.014	82.090	-0.010	82.143	-0.008	97.585	-0.005	97.638	-0.002	97.708	0.0	97.785	0.0
82.201	-0.006	82.266	-0.001	82.318	0.001	82.389	-0.004	97.861	0.001	97.967	0.004	98.008	0.005	98.080	0.007
82.476	-0.004	82.529	-0.003	82.575	-0.002	82.640	-0.001	98.139	0.007	98.210	0.009	98.275	0.010	98.335	0.007
82.704	-0.001	82.750	-0.002	82.803	-0.003	82.855	-0.004	98.406	0.005	98.495	0.006	98.574	0.004	98.648	0.0
82.949	0.003	83.030	0.001	83.076	-0.001	83.128	0.002	98.703	0.0	98.783	0.003	98.856	0.003	98.918	0.002
83.197	0.005	83.266	0.003	83.330	0.004	83.364	0.006	98.979	0.001	99.034	-0.001	99.107	-0.002	99.174	-0.001
83.428	0.007	83.474	0.003	83.497	0.001	83.567	0.008	99.235	0.001	99.296	0.002	99.363	0.003	99.424	0.004
83.655	0.004	83.725	0.006	83.796	0.006	83.854	0.007	99.498	0.003	99.563	0.003	99.641	0.004	99.712	0.004
83.919	0.008	83.948	0.007	83.989	0.003	84.061	-0.001	99.760	0.004	99.837	0.002	99.909	0.0	99.992	-0.001
84.157	0.0	84.223	-0.003	84.277	-0.007	84.379	-0.006	100.075	-0.002	100.187	-0.002	100.264	-0.003	100.334	-0.004
84.439	-0.004	84.511	-0.006	84.568	-0.005	84.671	-0.002	100.417	-0.004	100.470	-0.004	100.541	-0.004	100.631	-0.007
84.730	0.0	84.795	0.004	84.849	0.007	84.908	0.009	100.703	-0.008	100.769	-0.007	100.859	-0.006	100.906	-0.005
84.973	0.008	85.044	0.0	85.108	-0.001	85.178	-0.001	100.978	-0.003	101.085	-0.002	101.150	-0.003	101.180	-0.003
85.225	-0.008	85.284	-0.013	85.378	-0.020	85.419	-0.024	101.215	-0.003	101.275	-0.005	101.334	-0.006	101.387	-0.007
85.472	-0.026	85.566	-0.024	85.665	-0.026	85.742	-0.023	101.449	-0.002	101.511	-0.007	101.558	-0.007	101.628	-0.007
85.812	-0.017	85.871	-0.009	85.917	-0.002	86.000	-0.001	101.692	-0.006	101.768	-0.005	101.826	-0.004	101.908	-0.003
86.070	0.001	86.146	0.005	86.211	0.006	86.328	0.006	101.960	-0.001	102.013	0.0	102.060	0.001	102.124	0.003
86.416	0.006	86.492	0.004	86.569	0.004	86.646	0.003	102.188	0.004	102.238	0.005	102.288	0.006	102.352	0.006
86.699	0.001	86.818	-0.008	86.912	-0.010	86.989	-0.009	102.410	0.005	102.469	0.004	102.545	0.007	102.620	0.008
87.067	-0.010	87.132	-0.012	87.228	-0.004	87.293	-0.004	102.678	0.006	102.730	0.005	102.800	0.004	102.887	0.006
87.347	0.0	87.443	0.002	87.508	0.0	87.574	0.004	102.933	0.003	103.014	-0.001	103.097	0.0	103.150	0.006
87.657	0.007	87.758	0.007	87.823	0.006	87.876	0.005	103.191	0.005	103.233	-0.032	103.315	0.015	103.404	-0.050
87.936	0.006	88.001	0.008	88.078	0.002	88.184	0.006	103.474	-0.010	103.528	-0.002	103.570	-0.016	103.618	-0.039
88.278	0.005	88.373	0.004	88.473	0.003	88.556	0.005	103.660	-0.032	103.733	0.005	103.799	-0.032	103.859	-0.010
88.644	0.002	88.703	0.002	88.786	-0.002	88.856	0.001	103.919	0.005	103.992	-0.010	104.058	-0.021	104.112	-0.003
88.933	0.002	89.004	-0.002	89.068	-0.001	89.151	0.0	104.148	0.0	104.171	-0.016	104.207	-0.024	104.273	-0.007
89.233	0.0	89.262	0.0	89.309	0.002	89.368	0.003	104.327	-0.010	104.357	-0.020	104.399	-0.007	104.447	0.003
89.444	0.006	89.491	0.007	89.561	0.006	89.615	0.007	104.489	0.003	104.536	-0.006	104.601	-0.001	104.648	0.019
89.674	0.003	89.756	0.001	89.827	0.005	89.898	0.002	104.731	0.0	104.796	0.004	104.837	0.005	104.896	0.005
89.951	0.003	90.022	-0.002	90.104	0.0	90.176	-0.002	104.949	0.001	104.991	0.0	105.026	0.0	105.091	0.009
90.258	-0.008	90.329	-0.010	90.400	-0.006	90.448	-0.002	105.150	0.003	105.221	0.006	105.262	0.004	105.315	0.003
90.513	0.003	90.566	0.005	90.636	0.003	90.725	0.002	105.386	0.001	105.439	0.001	105.534	0.001	105.600	0.005
								105.648	0.007	105.719	0.003	105.791	0.007	105.845	0.007

105.905	0.004	105.989	0.012	106.073	0.001	106.139	0.004	120.599	-0.003	120.982	-0.003	120.747	-0.003	120.824	-0.002
106.206	0.002	106.266	0.006	106.314	0.006	106.356	-0.001	120.907	0.0	120.979	0.0	121.061	-0.003	121.125	-0.001
106.386	-0.003	106.465	-0.011	106.513	0.004	106.567	-0.001	121.219	-0.001	121.312	0.0	121.406	-0.002	121.529	-0.001
106.640	0.0	106.694	-0.002	106.754	-0.005	106.815	-0.005	121.636	-0.002	121.737	-0.003	121.772	-0.002	121.850	-0.003
106.863	-0.016	106.954	-0.020	107.045	-0.018	107.117	-0.020	121.945	-0.001	121.980	0.0	122.039	-0.003	122.127	-0.003
107.190	-0.013	107.269	-0.008	107.287	-0.008	107.354	-0.029	122.232	-0.002	122.349	-0.002	122.507	-0.005	122.563	-0.003
107.432	-0.005	107.505	-0.024	107.583	-0.007	107.666	-0.022	122.653	-0.002	122.764	0.0	122.846	0.002	122.922	-0.004
107.743	-0.002	107.791	0.002	107.880	-0.009	107.928	0.006	123.010	0.0	123.119	0.001	123.222	-0.002	123.319	-0.004
107.982	0.004	108.046	0.013	108.110	0.020	108.145	0.016	123.358	-0.001	123.531	-0.001	123.617	-0.001	123.740	0.001
108.215	-0.002	108.285	0.010	108.350	0.017	108.408	0.017	123.850	0.002	123.954	0.001	124.045	0.002	124.108	0.003
108.466	0.008	108.513	-0.004	108.565	0.007	108.629	0.007	124.206	0.004	124.287	0.004	124.391	0.003	124.507	0.002
108.699	0.005	108.746	0.006	108.781	0.0	108.822	-0.002	124.586	0.001	124.677	-0.001	124.812	-0.002	124.914	-0.002
108.874	0.004	108.921	0.006	108.973	-0.002	109.032	-0.006	125.034	-0.003	125.150	-0.003	125.247	-0.002	125.326	-0.002
109.078	-0.001	109.131	-0.001	109.201	-0.005	109.282	-0.010	125.429	-0.002	125.538	-0.002	125.690	-0.002	125.786	-0.002
109.335	-0.011	109.411	-0.010	109.457	-0.009	109.504	-0.008	125.877	-0.001	125.955	0.0	126.033	0.002	126.169	0.004
109.540	-0.008	109.623	-0.005	109.694	-0.006	109.742	-0.007	126.251	0.005	126.339	0.005	126.427	0.005	126.522	0.003
109.756	-0.007	109.837	-0.008	109.897	-0.005	109.968	-0.014	126.613	0.001	126.711	0.001	126.809	0.0	126.912	0.002
110.046	-0.007	110.101	-0.005	110.180	-0.002	110.247	-0.002	127.028	0.005	127.129	0.007	127.229	0.011	127.324	0.014
110.302	-0.002	110.350	-0.004	110.411	-0.002	110.466	0.001	127.396	0.005	127.496	0.016	127.567	0.015	127.633	0.012
110.532	0.0	110.598	-0.004	110.675	-0.002	110.740	-0.004	127.724	0.011	127.787	0.011	127.863	0.014	127.933	0.010
110.800	-0.001	110.848	0.003	110.895	0.0	110.967	0.003	128.008	0.016	128.080	0.009	128.127	0.011	128.169	0.007
111.026	0.0	111.085	0.006	111.173	-0.002	111.249	0.003	128.216	0.011	128.275	0.007	128.341	0.011	128.394	0.007
111.313	0.008	111.360	0.020	111.437	-0.005	111.478	-0.015	128.453	0.010	128.489	0.007	128.530	0.010	128.571	0.004
111.525	0.002	111.578	0.013	111.631	0.013	111.673	0.003	128.624	0.009	128.659	0.006	128.729	0.010	128.776	0.007
111.714	-0.005	111.767	0.010	111.797	0.021	111.838	0.006	128.846	0.014	128.899	0.009	128.946	0.011	128.986	0.010
111.909	-0.007	111.974	0.020	112.028	-0.006	112.070	0.003	129.016	0.011	129.080	0.010	129.132	0.012	129.185	0.010
112.118	-0.027	112.195	0.004	112.279	-0.005	112.315	-0.014	129.266	0.007	129.336	0.005	129.436	0.004	129.553	0.007
112.357	-0.016	112.423	-0.012	112.489	-0.014	112.567	-0.008	129.625	0.008	129.691	0.008	129.727	0.008	129.788	0.009
112.633	-0.010	112.693	-0.010	112.766	-0.007	112.832	-0.012	129.836	0.010	129.894	0.010	129.920	0.011	129.974	0.012
112.910	-0.005	112.989	-0.010	113.061	-0.005	113.139	-0.005	130.034	0.007	130.107	0.011	130.167	0.008	130.222	0.011
113.192	-0.005	113.222	-0.004	113.270	-0.002	113.312	0.001	130.288	0.009	130.379	0.013	130.421	0.011	130.452	0.009
113.390	0.007	113.462	0.003	113.527	0.004	113.603	-0.002	130.506	0.013	130.536	0.009	130.589	0.011	130.642	0.010
113.679	0.001	113.738	-0.002	113.826	-0.002	113.884	-0.003	130.678	0.011	130.714	0.009	130.785	0.009	130.825	0.008
113.954	-0.001	114.015	-0.005	114.065	-0.002	114.128	0.001	130.868	0.006						
114.202	-0.010	114.283	-0.002	114.346	-0.007	114.421	-0.006								
114.473	-0.009	114.531	-0.009	114.578	-0.011	114.637	-0.011								
114.697	-0.014	114.774	-0.010	114.821	-0.007	114.893	-0.007								
114.946	-0.005	114.993	-0.002	115.055	0.0	115.098	0.003								
115.155	0.003	115.223	-0.001	115.304	0.009	115.366	-0.001								
115.429	0.010	115.503	0.0	115.584	0.006	115.671	-0.001								
115.721	-0.001	115.771	0.003	115.851	-0.002	115.926	0.001								
116.000	-0.003	116.077	-0.002	116.124	0.0	116.177	-0.003								
116.264	0.003	116.346	-0.002	116.416	-0.002	116.475	-0.002								
116.539	0.002	116.608	-0.003	116.683	-0.005	116.764	0.001								
116.804	-0.014	116.885	-0.008	116.936	-0.009	117.029	-0.005								
117.072	-0.006	117.180	-0.003	117.247	-0.006	117.307	0.003								
117.362	0.008	117.416	0.001	117.525	0.006	117.650	0.006								
117.739	0.004	117.798	0.006	117.888	0.002	117.959	0.002								
118.036	-0.004	118.122	-0.002	118.190	-0.005	118.259	-0.003								
118.357	-0.007	118.443	-0.004	118.534	-0.008	118.627	-0.007								
118.743	-0.007	118.829	-0.005	118.887	-0.002	118.951	-0.003								
119.014	-0.002	119.067	-0.003	119.156	-0.001	119.209	-0.002								
119.274	-0.003	119.374	-0.004	119.439	-0.005	119.516	-0.008								
119.594	-0.002	119.690	-0.007	119.757	-0.002	119.835	-0.002								
119.931	0.0	120.004	-0.002	120.089	-0.001	120.174	-0.002								
120.284	-0.002	120.354	-0.002	120.455	-0.003	120.534	-0.002								

131.059 SECONDS

UNITS ARE SEC, G/10.

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TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.653	0.002	0.019	0.146	0.763	0.188	-0.280	9.530	-0.125	9.558	-0.020	9.628	-0.064	9.674	-0.211
0.292	0.831	0.375	-0.164	0.439	0.330	0.520	-0.600	9.735	0.010	9.797	-0.020	9.816	0.020	9.864	-0.119
0.610	-0.190	0.680	-0.920	0.740	0.280	0.800	-0.420	9.921	0.062	9.960	-0.091	10.010	0.023	10.048	-0.175
0.842	0.480	0.842	1.331	0.970	-1.050	1.043	0.516	10.119	0.210	10.175	-0.170	10.222	0.0	10.291	-0.183
1.077	0.686	1.191	1.863	1.200	-0.623	1.282	0.345	10.313	0.069	10.356	0.008	10.405	0.171	10.471	-0.013
1.321	-0.485	1.408	1.638	1.502	-0.619	1.601	1.790	10.571	0.263	10.604	0.091	10.638	0.066	10.673	-0.188
1.516	1.295	1.710	0.348	1.797	-1.233	1.873	0.901	10.754	0.252	10.771	-0.055	10.825	0.139	10.838	-0.024
1.933	-1.610	2.009	1.360	2.097	-1.360	2.168	0.759	10.916	0.250	10.944	0.055	10.986	0.145	11.026	0.107
2.180	-2.234	2.384	0.695	2.410	-0.016	2.466	0.579	11.076	0.072	11.109	-0.137	11.139	-0.059	11.193	-0.115
2.474	-0.439	2.521	0.519	2.579	0.097	2.635	1.166	11.236	-0.040	11.324	-0.154	11.353	0.083	11.377	-0.024
2.659	-0.971	2.825	1.084	2.810	-1.310	2.887	0.822	11.423	-0.053	11.451	-0.153	11.516	0.120	11.562	0.057
2.915	-0.277	2.963	-0.310	2.991	-0.843	3.069	0.224	11.588	0.187	11.655	0.060	11.691	0.160	11.757	0.069
3.087	-1.159	3.203	1.403	3.227	-2.203	3.366	0.212	11.808	0.154	11.839	0.099	11.908	0.068	11.936	-0.127
3.389	-2.152	3.565	0.375	3.621	-0.671	3.722	1.005	11.994	0.038	12.037	0.005	12.075	-0.015	12.112	-0.102
3.744	-0.418	3.789	0.039	3.829	-0.550	3.955	1.082	12.151	-0.133	12.209	0.032	12.273	-0.064	12.320	-0.138
4.024	-0.556	4.082	0.068	4.096	-0.439	4.206	1.195	12.397	0.056	12.426	0.069	12.487	-0.072	12.528	0.024
4.233	0.034	4.312	1.200	4.328	-0.637	4.383	0.016	12.555	-0.006	12.627	0.136	12.712	-0.038	12.749	0.022
4.444	-0.833	4.515	0.759	4.535	-0.401	4.592	0.508	12.813	-0.046	12.898	0.225	12.922	-0.086	12.968	0.066
4.642	-0.348	4.667	0.644	4.675	0.061	4.710	0.306	13.004	-0.002	13.090	0.182	13.148	0.040	13.185	0.069
4.779	-0.868	4.845	0.069	4.846	-1.233	5.008	-0.118	13.259	0.008	13.301	0.129	13.343	0.045	13.370	0.068
5.048	-0.395	5.107	1.150	5.132	-0.280	5.162	-0.108	13.403	-0.032	13.448	0.053	13.494	0.027	13.514	0.100
5.174	-0.622	5.186	-0.070	5.197	-0.588	5.307	0.754	13.562	0.033	13.613	0.072	13.650	0.022	13.687	0.088
5.349	-1.677	5.465	0.259	5.492	-1.283	5.642	0.729	13.738	-0.015	13.792	0.051	13.842	-0.012	13.911	-0.054
5.651	-0.651	5.698	-0.298	5.735	-0.501	5.858	1.329	14.193	0.047	14.050	-0.065	14			

18.339	0.091	18.382	0.035	18.429	0.002	18.469	-0.097	32.257	-0.039	32.343	0.014	32.428	-0.024	32.456	-0.002
18.515	-0.003	18.616	-0.073	18.641	-0.034	18.725	-0.068	32.513	-0.024	32.570	0.011	32.632	-0.018	32.684	0.022
18.781	-0.019	18.861	-0.058	18.895	0.009	18.951	-0.021	32.718	-0.002	32.752	0.025	32.798	-0.001	32.844	0.028
19.022	0.044	19.171	-0.043	19.239	0.025	19.339	-0.045	32.885	0.011	32.919	0.036	32.977	0.005	33.029	0.032
19.381	-0.005	19.478	-0.043	19.525	0.014	19.597	-0.037	33.086	-0.012	33.138	0.031	33.179	-0.005	33.231	-0.027
19.625	0.0	19.668	-0.033	19.698	0.001	19.773	-0.025	33.260	0.006	33.289	-0.004	33.318	-0.033	33.405	-0.021
19.856	0.025	20.002	-0.047	20.069	0.028	20.167	-0.005	33.469	0.027	33.516	0.015	33.562	-0.011	33.597	-0.045
20.203	0.023	20.319	-0.032	20.376	0.008	20.475	-0.034	33.667	-0.005	33.719	-0.013	33.782	-0.038	33.817	-0.062
20.532	0.067	20.610	0.018	20.704	0.006	20.769	-0.036	33.874	-0.011	33.937	-0.026	33.966	-0.033	34.018	0.006
20.811	0.017	20.869	0.003	20.923	0.059	21.062	0.025	34.064	-0.011	34.110	-0.029	34.162	-0.020	34.248	0.015
21.133	0.048	21.219	0.013	21.263	0.072	21.386	-0.036	34.316	0.003	34.380	-0.017	34.443	-0.037	34.477	-0.016
21.461	0.074	21.529	-0.064	21.576	-0.015	21.643	-0.013	34.500	-0.024	34.534	-0.010	34.597	-0.036	34.632	-0.016
21.718	-0.086	21.797	-0.001	21.891	-0.064	21.927	-0.022	34.666	-0.033	34.700	-0.016	34.747	-0.037	34.787	-0.013
21.994	-0.045	22.039	-0.021	22.095	-0.031	22.150	0.019	34.827	-0.033	34.845	-0.016	34.868	-0.038	34.897	-0.001
22.252	-0.057	22.314	0.014	22.452	-0.056	22.541	0.020	34.972	-0.021	35.041	-0.013	35.070	-0.011	35.140	-0.027
22.596	0.007	22.630	0.061	22.682	0.039	22.700	0.066	35.186	-0.001	35.226	-0.013	35.257	-0.017	35.348	-0.020
22.806	0.007	22.847	0.071	22.900	0.051	22.924	0.086	35.400	0.017	35.434	-0.002	35.469	0.018	35.510	0.003
23.028	0.0	23.067	0.051	23.117	0.032	23.146	0.065	35.550	0.024	35.596	0.009	35.634	0.025	35.694	0.017
23.228	-0.001	23.260	0.024	23.310	0.003	23.345	0.036	35.741	0.015	35.835	0.009	35.893	0.022	35.935	0.003
23.460	-0.063	23.501	0.0	23.580	-0.069	23.608	-0.044	36.023	-0.032	36.075	-0.003	36.157	-0.017	36.239	-0.025
23.661	-0.071	23.681	-0.042	23.718	-0.058	23.745	-0.033	36.286	-0.029	36.339	-0.026	36.414	-0.040	36.496	0.002
23.820	-0.053	23.851	-0.023	23.878	-0.040	23.940	-0.001	36.543	-0.014	36.589	0.007	36.636	-0.007	36.677	0.030
24.013	-0.011	24.086	-0.045	24.177	0.035	24.316	-0.024	36.769	-0.002	36.839	0.017	36.891	-0.022	36.954	0.009
24.393	0.058	24.472	-0.006	24.516	0.035	24.554	0.016	36.989	-0.004	37.023	0.014	37.081	-0.002	37.156	-0.019
24.588	0.033	24.666	-0.016	24.732	0.060	24.871	0.011	37.208	0.003	37.284	-0.014	37.332	0.001	37.457	-0.030
24.919	0.055	25.027	-0.006	25.058	0.019	25.103	0.0	37.493	-0.014	37.552	-0.029	37.630	0.014	37.689	0.003
25.151	0.045	25.281	-0.030	25.385	0.014	25.505	-0.019	37.725	0.018	37.779	0.002	37.826	-0.028	37.898	0.003
25.565	0.049	25.669	-0.017	25.717	0.008	25.791	-0.034	37.952	0.018	38.065	-0.007	38.149	0.009	38.232	-0.006
26.009	-0.003	26.097	-0.034	26.119	-0.023	26.206	-0.043	38.296	0.009	38.353	-0.004	38.400	0.003	38.515	-0.027
26.279	0.026	26.374	-0.034	26.414	0.011	26.479	0.0	38.550	-0.012	38.585	-0.023	38.625	-0.013	38.654	-0.021
26.528	0.026	26.650	-0.009	26.678	-0.012	26.779	-0.031	38.729	0.007	38.788	-0.013	38.823	-0.006	38.864	-0.014
26.829	-0.022	26.946	-0.050	27.020	-0.008	27.149	-0.013	38.911	-0.010	38.975	-0.023	39.027	-0.014	39.093	-0.020
27.269	-0.056	27.346	-0.004	27.434	0.006	27.510	-0.021	39.139	-0.008	39.292	-0.045	39.387	-0.008	39.464	-0.025
27.541	0.017	27.604	-0.009	27.657	0.016	27.778	0.007	39.523	-0.008	39.565	-0.020	39.600	0.001	39.636	-0.004
27.803	0.002	27.857	-0.022	28.035	-0.038	28.079	-0.016	39.671	0.018	39.742	-0.017	39.794	0.003	39.868	-0.001
28.149	-0.033	28.196	-0.013	28.287	-0.039	28.388	0.001	40.189	0.006	40.241	-0.001	40.286	-0.006	40.326	-0.012
28.475	0.026	28.561	0.021	28.610	0.038	28.660	0.063	40.361	-0.001	40.406	-0.006	40.458	0.007	40.515	0.0
28.716	0.030	28.745	-0.053	28.801	0.023	28.836	0.053	40.561	0.024	40.606	0.015	40.641	0.026	40.703	0.014
28.905	0.028	28.965	0.077	29.096	0.004	29.139	0.020	40.785	0.0	40.826	0.008	40.915	-0.011	40.985	-0.021
29.255	-0.025	29.293	-0.015	29.354	-0.043	29.388	-0.018	41.044	0.006	41.079	-0.001	41.138	-0.011	41.197	-0.018
29.450	-0.062	29.490	-0.037	29.557	-0.064	29.638	-0.053	41.255	-0.025	41.290	-0.035	41.319	-0.035	41.383	-0.051
29.713	-0.011	29.748	-0.032	29.776	0.005	29.828	-0.026	41.436	-0.027	41.470	-0.050	41.511	-0.013	41.546	-0.027
29.857	0.001	29.908	-0.023	29.943	0.001	30.006	-0.021	41.587	0.002	41.616	-0.007	41.657	0.007	41.720	-0.013
30.046	0.013	30.114	-0.014	30.137	0.003	30.200	-0.044	41.773	0.003	41.825	-0.007	41.871	0.009	41.905	-0.001
30.223	-0.001	30.292	-0.063	30.315	-0.040	30.338	-0.056	41.934	0.014	41.975	0.005	42.015	0.019	42.073	0.007
30.379	-0.014	30.436	-0.062	30.488	-0.001	30.534	-0.024	42.137	0.018	42.189	-0.003	42.270	-0.018	42.305	-0.001
30.562	-0.012	30.654	-0.049	30.683	-0.005	30.712	-0.025	42.381	-0.023	42.478	-0.033	42.475	-0.001	42.513	0.0
30.729	0.007	30.797	-0.050	30.825	-0.019	30.854	-0.027	42.568	-0.021	42.609	-0.032	42.656	-0.004	42.703	0.013
30.882	0.005	30.961	-0.018	31.012	-0.029	31.046	-0.014	42.738	0.007	42.819	-0.029	42.865	0.002	42.906	-0.001
31.120	-0.032	31.148	-0.033	31.188	0.0	31.239	-0.024	42.981	-0.027	43.010	-0.008	43.045	-0.014	43.074	-0.006
31.272	-0.004	31.305	-0.012	31.344	0.041	31.449	-0.004	43.126	-0.014	43.178	0.0	43.213	-0.007	43.260	0.002
31.516	0.078	31.565	0.058	31.626	0.036	31.654	0.019	43.347	-0.013	43.417	0.007	43.511	-0.010	43.546	0.003
31.682	0.037	31.754	0.059	31.804	-0.008	31.843	-0.052	43.645	-0.017	43.685	-0.005	43.761	-0.013	43.814	-0.014
31.877	-0.023	31.894	-0.039	31.922	-0.012	32.005	-0.059	43.873	0.0	43.913	-0.007	43.949	0.002	43.984	-0.004
32.045	-0.016	32.117	-0.042	32.156	0.001	32.223	-0.029	44.042	0.017	44.101	0.002	44.153	0.014	44.218	0.0

44.269	0.012	44.333	0.0	44.390	0.011	44.453	0.0	55.626	-0.001	55.684	-0.006	55.742	-0.001	55.816	-0.010
44.522	0.009	44.545	-0.004	44.591	0.011	44.689	-0.017	55.880	-0.002	55.965	-0.002	56.011	0.002	56.063	0.008
44.729	-0.001	44.776	-0.010	44.810	-0.004	44.851	-0.013	56.137	-0.002	56.200	0.014	56.269	0.006	56.315	0.003
44.886	-0.006	44.920	-0.014	44.955	0.013	45.025	-0.029	56.640	-0.009	56.663	0.003	56.750	-0.001	56.789	-0.002
45.054	0.025	45.112	-0.021	45.141	0.013	45.176	-0.013	56.873	-0.001	56.937	0.005	57.002	0.007	57.102	0.005
45.216	0.013	45.263	-0.007	45.310	0.011	45.368	-0.010	57.154	0.002	57.213	0.003	57.260	0.001	57.330	0.002
45.415	-0.004	45.468	-0.004	45.485	0.006	45.514	-0.005	57.401	-0.007	57.454	-0.013	57.518	-0.012	57.588	-0.019
45.538	-0.002	45.567	-0.025	45.608	0.005	45.643	-0.030	57.676	-0.010	57.775	-0.012	57.855	-0.004	57.918	-0.008
45.684	0.011	45.731	-0.033	45.765	-0.012	45.822	-0.040	58.003	0.007	58.083	0.006	58.163	0.015	58.237	0.003
45.868	-0.006	45.914	-0.032	45.960	0.011	45.989	-0.027	58.333	0.017	58.400	0.018	58.485	0.005	58.552	0.013
46.029	0.014	46.087	-0.006	46.121	0.009	46.167	-0.026	58.608	0.007	58.664	-0.001	58.732	0.012	58.777	0.006
46.190	0.024	46.248	-0.029	46.282	-0.001	46.316	-0.018	58.863	0.0	58.925	-0.002	58.993	-0.007	59.027	-0.011
46.367	0.025	46.430	-0.001	46.470	-0.003	46.521	0.031	59.090	-0.004	59.186	-0.008	59.256	0.001	59.367	0.005
46.555	0.012	46.584	0.036	46.629	-0.018	46.669	0.067	59.443	-0.001	59.549	-0.012	59.613	-0.005	59.701	-0.006
46.720	-0.026	46.749	-0.005	46.778	-0.019	46.830	-0.004	59.771	-0.006	59.870	-0.005	59.911	-0.006	59.975	-0.004
46.864	-0.011	46.893	-0.005	46.922	-0.011	46.956	0.0	60.056	-0.005	60.149	-0.010	60.207	-0.011	60.275	-0.017
47.008	-0.007	47.077	-0.010	47.123	-0.005	47.157	-0.001	60.337	-0.011	60.439	-0.014	60.501	-0.017	60.591	-0.010
47.197	0.0	47.267	-0.005	47.301	-0.008	47.336	0.019	60.704	-0.010	60.743	-0.011	60.817	-0.004	60.879	0.0
47.393	-0.011	47.428	0.002	47.463	-0.003	47.486	0.005	60.958	0.003	61.026	0.005	61.094	0.007	61.157	0.007
47.520	-0.008	47.584	-0.001	47.630	-0.013	47.676	-0.006	61.208	0.006	61.271	0.009	61.346	0.005	61.415	0.006
47.710	-0.012	47.745	-0.010	47.808	-0.016	47.859	-0.025	61.455	-0.006	61.530	0.011	61.617	0.007	61.686	0.008
47.922	0.006	47.980	-0.013	48.037	-0.021	48.100	0.003	61.760	0.001	61.857	0.002	61.931	0.003	61.988	0.0
48.198	-0.021	48.261	0.011	48.301	-0.001	48.342	0.020	62.372	-0.007	62.417	-0.010	62.478	-0.007	62.573	-0.011
48.422	-0.005	48.491	0.027	48.537	0.014	48.607	-0.006	62.640	-0.012	62.752	-0.012	62.819	-0.008	62.909	-0.006
48.635	-0.012	48.716	0.014	48.762	0.0	48.838	-0.025	62.988	-0.002	63.044	-0.006	63.146	-0.002	63.236	-0.002
48.872	0.005	48.953	-0.016	48.999	-0.024	49.034	-0.014	63.318	-0.007	63.370	-0.013	63.451	-0.013	63.520	-0.011
49.063	-0.001	49.115	0.014	49.161	-0.021	49.219	0.015	63.590	-0.011	63.683	-0.001	63.782	-0.005	63.886	-0.002
49.264	-0.007	49.309	0.013	49.343	0.003	49.389	0.019	63.968	-0.001	64.014	-0.001	64.090	0.0	64.154	-0.001
49.451	0.007	49.507	0.006	49.547	0.007	49.603	-0.005	64.206	-0.001	64.287	0.005	64.380	-0.001	64.444	0.0
49.660	0.015	49.694	0.008	49.739	0.024	49.802	-0.008	64.519	-0.004	64.594	0.002	64.687	-0.008	64.757	-0.005
49.836	0.021	49.893	0.005	49.961	0.002	50.001	-0.002	64.822	-0.014	64.907	-0.012	64.942	-0.011	65.023	-0.008
50.075	-0.006	50.104	-0.014	50.138	-0.004	50.201	-0.027	65.052	-0.006	65.099	-0.007	65.162	-0.001	65.243	-0.005
50.241	-0.006	50.282	-0.024	50.317	-0.001	50.363	-0.030	65.323	0.0	65.392	-0.004	65.478	-0.001	65.575	-0.002
50.591	-0.001	50.632	-0.019	50.678	0.002	50.725	-0.006	65.609	0.0	65.660	0.007	65.746	0.011	65.821	0.008
50.771	-0.020	50.817	-0.006	50.846	-0.013	50.875	-0.001	65.890	0.002	65.953	-0.001	66.044	-0.007	66.130	-0.002
50.921	-0.007	50.956	0.0	50.991	-0.002	51.031	0.007	66.193	-0.002	66.274	-0.005	66.326	-0.008	66.395	-0.011
51.060	0.005	51.106	0.013	51.170	0.011	51.216	0.005	66.476	-0.012	66.546	-0.010	66.615	-0.008	66.765	-0.006
51.274	0.001	51.333	0.002	51.391	0.009	51.473	-0.008	66.850	-0.007	66.896	-0.007	66.970	-0.008	67.028	-0.012
51.525	0.014	51.613	-0.011	51.683	-0.001	51.735	0.001	67.108	-0.012	67.170	-0.012	67.251	-0.017	67.325	-0.018
51.794	-0.012	51.853	0.014	51.906	0.003	51.959	-0.006	67.417	-0.016	67.491	-0.013	67.583	-0.012	67.652	-0.008
52.001	-0.018	52.066	0.021	52.119	0.003	52.160	-0.018	67.715	-0.005	67.789	-0.008	67.818	-0.002	67.898	-0.006
52.207	0.018	52.313	-0.016	52.359	0.008	52.441	-0.020	67.933	-0.001	67.990	0.0	68.036	0.001	68.064	0.008
52.523	-0.013	52.582	-0.006	52.628	-0.021	52.699	-0.007	68.122	0.006	68.196	0.011	68.254	0.017	68.300	0.017
52.762	0.018	52.837	-0.030	52.900	-0.001	52.963	-0.024	68.334	0.008	68.386	0.017	68.443	0.014	68.495	0.005
53.008	0.001	53.054	-0.008	53.106	0.005	53.152	0.011	68.552	0.015	68.593	0.007	68.633	0.008	68.685	-0.007
53.203	0.001	53.266	0.017	53.318	0.006	53.392	0.019	68.725	-0.001	68.794	-0.007	68.852	0.001	68.927	-0.005
53.461	0.026	53.553	0.024	53.593	0.019	53.639	0.015	68.985	0.0	69.049	-0.007	69.106	0.0	69.158	-0.002
53.696	0.019	53.771	0.009	53.823	0.0	53.875	0.006	69.205	0.003	69.279	-0.006	69.352	-0.001	69.443	-0.007
53.967	-0.018	54.013	0.0	54.099	-0.021	54.186	-0.010	69.505	0.0	69.596	-0.008	69.653	-0.001	69.698	0.0
54.234	-0.010	54.317	-0.010	54.367	-0.004	54.407	-0.010	69.760	-0.010	69.805	0.0	69.884	-0.012	69.918	-0.013
54.435	0.009	54.458	-0.001	54.509	0.009	54.534	-0.005	69.980	-0.002	70.053	0.007	70.087	-0.001	70.166	-0.007
54.610	-0.017	54.661	0.005	54.729	-0.006	54.792	-0.007	70.211	0.002	70.285	-0.004	70.348	-0.007	70.394	0.001
54.854	0.015	54.917	0.003	55.003	-0.007	55.065	0.003	70.446	0.002	70.515	-0.007	70.561	0.0	70.601	-0.005
55.117	-0.007	55.179	0.001	55.236	-0.002	55.295	-0.002	70.647	0.005	70.693	-0.002	70.774	0.003	70.809	0.003
55.388	-0.001	55.463	0.002	55.533	-0.002	55.585	-0.011								

70.855	0.0	70.913	0.003	70.999	0.003	71.063	0.001	85.081	0.0	85.141	0.0	85.176	-0.001	85.223	-0.004
71.115	-0.001	71.173	-0.002	71.207	0.006	71.288	-0.001	85.282	-0.005	85.341	-0.006	85.399	-0.006	85.452	-0.008
71.317	-0.002	71.364	0.001	71.450	-0.008	71.554	-0.006	85.511	-0.006	85.569	-0.007	85.616	-0.012	85.652	-0.006
71.612	-0.008	71.676	-0.013	71.728	-0.010	71.780	-0.016	85.710	-0.011	85.781	-0.014	85.845	-0.010	85.892	-0.014
71.833	-0.019	71.886	-0.013	71.973	-0.030	72.026	-0.021	85.986	-0.016	86.021	-0.006	86.068	-0.021	86.121	-0.004
72.079	-0.025	72.166	-0.026	72.213	-0.025	72.266	-0.012	86.162	-0.018	86.209	-0.002	86.256	-0.012	86.308	-0.001
72.318	-0.016	72.400	-0.016	72.441	-0.001	72.506	-0.007	86.349	-0.010	86.396	0.005	86.437	-0.002	86.487	0.008
72.535	-0.001	72.582	-0.006	72.640	0.008	72.699	0.0	86.508	0.0	86.555	0.012	86.590	0.003	86.619	0.017
72.757	0.011	72.804	0.018	72.885	0.014	72.949	0.012	86.660	0.006	86.707	0.003	86.749	0.005	86.802	0.006
72.984	0.022	73.048	0.013	73.095	0.021	73.159	0.017	86.849	0.0	86.896	0.002	86.950	0.015	87.003	-0.002
73.206	0.026	73.299	0.013	73.397	0.014	73.461	0.009	87.033	0.007	87.080	-0.006	87.127	0.008	87.181	-0.002
73.513	-0.003	73.571	0.012	73.629	0.001	73.699	-0.007	87.222	0.011	87.252	-0.004	87.282	0.007	87.335	-0.006
73.751	-0.013	73.808	-0.020	73.871	-0.026	73.935	-0.021	87.383	0.009	87.461	-0.005	87.508	0.003	87.613	-0.008
74.015	-0.029	74.072	-0.033	74.164	-0.029	74.216	-0.024	87.694	-0.001	87.747	-0.008	87.771	-0.001	87.830	-0.011
74.257	-0.024	74.309	-0.016	74.344	-0.016	74.408	-0.007	87.884	-0.010	87.973	-0.011	88.050	-0.011	88.133	-0.010
74.454	-0.007	74.478	0.0	74.524	0.006	74.571	0.013	88.198	-0.008	88.293	-0.001	88.352	-0.012	88.428	-0.003
74.617	0.015	74.710	0.015	74.769	0.018	74.816	0.022	88.482	-0.001	88.552	0.0	88.617	0.005	88.664	-0.001
74.863	0.026	74.945	0.027	74.992	0.024	75.080	0.019	88.747	0.003	88.824	0.0	88.889	-0.001	88.965	-0.001
75.115	0.014	75.150	0.009	75.203	0.007	75.274	0.003	89.024	-0.001	89.107	-0.001	89.148	-0.008	89.195	0.0
75.334	0.0	75.400	-0.004	75.459	-0.011	75.525	-0.012	89.283	-0.004	89.330	0.0	89.395	-0.006	89.471	-0.005
75.608	-0.019	75.650	-0.021	75.698	-0.016	75.752	-0.018	89.547	-0.005	89.538	-0.006	89.641	0.002	89.718	-0.001
75.826	-0.024	75.887	-0.026	75.960	-0.024	76.021	-0.023	89.818	-0.001	89.877	-0.001	89.936	0.0	89.989	-0.002
76.106	-0.018	76.161	-0.014	76.204	-0.014	76.257	-0.011	90.036	-0.008	90.101	0.002	90.160	-0.007	90.207	-0.010
76.305	0.0	76.358	-0.004	76.393	-0.001	76.428	-0.002	90.302	-0.006	90.408	-0.001	90.467	-0.001	90.527	-0.001
76.470	0.001	76.511	0.0	76.546	0.005	76.623	0.0	90.627	-0.001	90.722	-0.001	90.793	-0.001	90.881	0.002
76.670	0.007	76.718	0.011	76.782	0.008	76.811	0.012	90.981	0.0	91.087	-0.002	91.163	-0.001	91.245	0.003
76.869	0.005	76.938	0.008	76.997	0.006	77.095	0.013	91.350	-0.002	91.397	-0.006	91.438	-0.004	91.554	-0.007
77.200	0.002	77.308	0.009	77.387	0.006	77.442	0.005	91.636	-0.001	91.723	-0.004	91.792	0.0	91.850	0.005
77.496	0.001	77.587	-0.005	77.660	-0.002	77.720	-0.004	91.919	0.001	91.999	0.006	92.114	0.003	92.195	0.005
77.781	-0.007	77.842	-0.004	77.885	-0.006	77.921	-0.008	92.282	0.003	92.328	0.0	92.438	0.001	92.491	-0.005
77.976	-0.012	77.988	-0.012	78.073	-0.006	78.134	-0.008	92.607	-0.005	92.706	-0.008	92.788	-0.007	92.864	-0.006
78.236	-0.008	78.289	-0.008	78.312	-0.013	78.364	-0.004	92.940	-0.002	93.010	-0.001	93.057	-0.004	93.121	-0.001
78.410	-0.005	78.457	0.0	78.515	-0.002	78.561	-0.008	93.203	-0.002	93.273	-0.001	93.354	-0.001	93.418	0.002
78.631	0.002	78.718	-0.008	78.815	0.0	78.890	0.0	93.487	0.005	93.586	0.003	93.661	0.002	93.754	0.0
78.936	0.0	78.988	0.002	79.034	0.007	79.120	0.003	93.871	-0.001	93.964	0.0	93.999	0.001	94.057	0.002
79.183	0.002	79.247	0.008	79.323	0.005	79.406	0.005	94.104	0.001	94.185	0.001	94.256	0.0	94.314	-0.001
79.465	-0.001	79.518	-0.001	79.588	0.008	79.659	0.002	94.390	-0.001	94.449	-0.001	94.513	0.0	94.577	0.0
79.723	0.003	79.799	0.003	79.909	0.003	79.997	0.0	94.665	0.005	94.723	0.007	94.794	0.008	94.877	0.005
80.037	-0.001	80.113	0.002	80.154	0.001	80.223	0.003	94.972	0.002	95.061	0.003	95.126	0.003	95.179	0.005
80.293	0.0	80.379	-0.004	80.471	-0.006	80.523	-0.010	95.256	0.006	95.339	0.003	95.410	0.003	95.487	0.003
80.644	-0.011	80.708	-0.013	80.771	-0.017	80.870	-0.016	95.553	0.003	95.648	0.005	95.731	0.003	95.808	0.002
80.952	-0.017	81.045	-0.017	81.114	-0.013	81.225	-0.012	95.914	0.002	96.015	0.001	96.104	0.002	96.175	0.003
81.301	-0.013	81.359	-0.013	81.446	-0.008	81.528	-0.004	96.276	0.002	96.365	-0.001	96.443	-0.004	96.538	-0.007
81.604	-0.001	81.697	0.002	81.756	0.003	81.814	0.006	96.610	-0.012	96.700	-0.013	96.826	-0.013	96.910	-0.016
81.908	0.002	81.984	0.007	82.071	0.006	82.142	0.003	96.982	-0.016	97.037	-0.013	97.121	-0.016	97.169	-0.011
82.223	0.003	82.299	0.003	82.370	0.001	82.428	0.008	97.229	-0.007	97.284	-0.008	97.356	-0.005	97.446	-0.001
82.504	0.001	82.551	0.0	82.598	0.006	82.691	0.001	97.513	0.0	97.597	0.002	97.711	0.005	97.803	0.003
82.779	-0.001	82.860	-0.004	82.942	-0.004	83.018	-0.001	97.882	0.003	97.976	0.002	98.065	0.001	98.141	0.001
83.082	-0.007	83.140	-0.005	83.222	-0.002	83.291	-0.001	98.223	0.001	98.330	0.002	98.401	0.003	98.473	0.003
83.366	0.0	83.424	-0.001	83.476	-0.001	83.539	-0.001	98.538	0.005	98.597	0.007	98.698	0.011	98.808	0.014
83.608	-0.001	83.706	-0.001	83.782	-0.001	83.852	-0.001	98.918	0.014	99.029	0.011	99.139	0.008	99.255	0.003
83.917	-0.001	83.964	-0.001	84.040	-0.001	84.122	-0.004	99.384	0.0	99.469	-0.001	99.603	-0.005	99.640	-0.007
84.193	-0.007	84.240	-0.005	84.300	-0.008	84.342	-0.008	99.725	-0.007	99.802	-0.010	99.850	-0.011	99.951	-0.011
84.396	-0.008	84.432	-0.006	84.468	-0.013	84.528	-0.007	99.993	-0.011	100.064	-0.011	100.165	-0.008	100.231	-0.007
84.552	-0.011	84.600	-0.004	84.660	-0.005	84.714	-0.002	100.302	-0.004	100.325	-0.006	100.366	-0.001	100.414	-0.004
84.768	-0.001	84.839	-0.001	84.892	0.005	84.981	0.0	100.508	-0.001	100.573	-0.001	100.650	-0.001	100.738	0.0

100.804	-0.002	100.834	-0.004	100.852	-0.001	100.888	-0.004	112.584	0.001	112.674	0.002	112.758	-0.001	112.800	0.0
100.924	-0.001	100.966	-0.004	101.008	0.001	101.044	-0.004	112.860	-0.001	112.909	0.0	112.975	-0.005	113.023	0.001
101.086	0.002	101.134	-0.005	101.170	0.005	101.205	-0.004	113.095	-0.004	113.162	-0.007	113.222	-0.009	113.294	0.004
101.253	0.006	101.300	-0.005	101.377	0.002	101.425	-0.007	113.360	-0.001	113.432	0.0	113.503	-0.006	113.569	0.002
101.466	0.006	101.525	-0.006	101.584	0.003	101.614	-0.001	113.647	-0.001	113.713	0.005	113.760	0.0	113.818	0.006
101.661	0.012	101.703	0.0	101.744	0.004	101.790	-0.004	113.900	0.003	113.930	0.005	113.988	0.009	114.041	0.0
101.843	0.011	101.884	-0.001	101.936	0.009	101.983	-0.001	114.099	0.013	114.163	0.002	114.210	-0.001	114.279	0.007
102.006	0.006	102.059	-0.001	102.099	0.008	102.140	-0.005	114.343	0.0	114.383	0.0	114.435	0.001	114.504	-0.001
102.164	0.008	102.199	-0.004	102.222	0.002	102.263	-0.007	114.538	0.0	114.572	0.002	114.630	0.0	114.699	0.002
102.310	0.003	102.351	-0.011	102.392	0.002	102.450	-0.008	114.763	0.0	114.823	0.002	114.876	0.002	114.930	0.001
102.491	0.001	102.532	-0.014	102.567	0.006	102.596	-0.007	114.977	-0.001	115.031	0.002	115.066	0.001	115.096	0.003
102.655	0.011	102.713	-0.008	102.748	0.001	102.771	-0.012	115.161	0.009	115.233	0.003	115.283	0.006	115.389	0.003
102.886	-0.004	103.009	-0.016	103.049	-0.004	103.073	-0.015	115.470	0.009	115.538	0.003	115.619	0.012	115.719	0.008
103.119	-0.008	103.165	-0.024	103.194	-0.005	103.218	-0.017	115.793	0.006	115.837	0.006	115.899	0.009	115.986	0.001
103.282	-0.001	103.359	-0.017	103.389	-0.004	103.424	-0.014	116.060	0.007	116.166	0.0	116.304	0.002	116.421	-0.001
103.459	0.014	103.530	-0.007	103.571	-0.018	103.648	0.014	116.473	-0.001	116.538	-0.005	116.602	-0.002	116.707	-0.006
103.713	-0.008	103.761	0.008	103.815	-0.007	103.857	0.008	116.788	-0.001	116.857	-0.006	116.927	-0.001	116.996	-0.007
103.906	-0.001	103.954	0.007	103.966	-0.005	104.044	0.013	117.065	0.001	117.146	0.001	117.245	0.005	117.311	0.006
104.141	-0.006	104.195	0.006	104.243	-0.005	104.291	0.007	117.402	0.005	117.456	0.006	117.523	0.005	117.589	0.008
104.339	-0.007	104.369	0.008	104.411	-0.004	104.440	0.009	117.668	0.005	117.710	0.005	117.770	0.007	117.835	0.002
104.488	-0.005	104.530	0.008	104.572	-0.001	104.608	0.011	117.924	0.005	118.002	-0.001	118.097	0.007	118.168	0.001
104.644	0.0	104.680	0.015	104.722	-0.001	104.799	0.024	118.291	0.003	118.337	0.002	118.468	0.006	118.537	0.006
105.076	0.014	105.105	0.003	105.141	0.014	105.011	0.001	118.600	0.006	118.669	0.007	118.761	0.008	118.836	0.008
105.235	0.008	105.288	0.0	105.359	0.009	105.406	-0.001	118.924	0.006	119.027	0.003	119.114	0.0	119.206	0.0
105.459	0.008	105.518	-0.001	105.560	0.007	105.619	-0.002	119.276	-0.002	119.371	-0.002	119.448	-0.005	119.507	-0.006
105.648	0.005	105.713	-0.008	105.761	0.005	105.851	-0.007	119.583	-0.004	119.672	-0.007	119.743	0.0	119.815	-0.008
105.905	0.003	105.994	-0.008	106.048	0.001	106.084	-0.008	119.882	-0.001	119.936	-0.002	119.990	-0.002	120.055	0.0
106.138	-0.001	106.210	-0.010	106.270	0.005	106.336	-0.011	120.147	-0.005	120.237	-0.001	120.329	0.0	120.414	0.003
106.385	-0.001	106.439	-0.012	106.481	-0.001	106.523	-0.008	120.475	0.003	120.530	0.0	120.573	0.006	120.621	0.003
106.589	0.002	106.656	-0.007	106.716	0.006	106.766	-0.001	120.694	0.003	120.766	0.003	120.814	0.003	120.885	0.001
106.807	0.009	106.843	-0.002	106.885	0.008	106.921	-0.001	120.956	0.003	121.033	0.003	121.087	-0.001	121.128	0.003
106.976	0.012	107.024	-0.005	107.072	0.013	107.169	-0.005	121.188	-0.001	121.217	0.005	121.258	-0.002	121.305	0.005
107.205	0.003	107.272	-0.008	107.308	0.008	107.393	-0.007	121.352	-0.001	121.381	0.005	121.434	-0.002	121.481	0.006
107.423	0.011	107.472	-0.008	107.514	0.001	107.563	-0.008	121.516	0.0	121.574	0.002	121.644	0.001	121.709	0.007
107.599	0.008	107.666	-0.008	107.708	0.007	107.756	-0.004	121.809	0.001	121.857	0.006	121.904	0.007	121.982	0.006
107.780	0.005	107.834	-0.008	107.875	0.002	107.953	-0.001	122.071	0.003	122.118	0.002	122.177	0.001	122.260	0.0
108.012	-0.008	108.072	0.008	108.137	0.002	108.185	0.005	122.324	0.0	122.400	-0.001	122.517	-0.001	122.611	0.0
108.232	0.013	108.296	-0.002	108.331	0.022	108.407	-0.001	122.693	0.001	122.769	0.0	122.856	0.002	122.956	0.001
108.471	0.017	108.559	0.003	108.617	0.015	108.710	0.0	123.067	0.001	123.131	0.001	123.231	0.002	123.304	0.001
108.757	0.015	108.839	-0.004	108.891	0.017	109.002	-0.001	123.486	0.0	123.571	0.001	123.673	0.0	123.601	-0.001
109.060	0.017	109.159	-0.010	109.206	0.018	109.305	-0.008	123.771	0.003	124.041	0.003	124.133	0.005	124.200	0.006
109.363	0.009	109.410	0.003	109.468	0.0	109.532	-0.006	124.265	0.007	124.335	0.007	124.381	0.005	124.439	-0.001
109.585	0.011	109.655	-0.005	109.796	-0.008	109.856	0.007	124.496	0.027	124.537	0.003	124.566	0.013	124.606	0.002
109.969	-0.017	110.040	0.009	110.124	-0.012	110.189	0.001	124.629	0.008	124.670	-0.001	124.699	0.012	124.739	0.003
110.255	-0.008	110.298	0.0	110.334	-0.007	110.383	-0.001	124.784	0.009	124.795	0.006	124.835	0.012	124.874	0.006
110.432	-0.006	110.468	-0.002	110.499	-0.005	110.529	0.001	124.948	0.0	125.004	0.007	125.055	0.005	125.084	0.008
110.578	-0.005	110.638	0.007	110.687	0.001	110.735	0.0	125.134	0.008	125.202	0.009	125.249	0.008	125.286	0.012
110.801	0.009	110.878	0.002	110.926	0.002	110.967	0.015	125.316	0.005	125.389	0.012	125.499	0.009	125.584	0.009
111.021	0.002	111.063	0.011	111.098	-0.003	111.164	0.008	125.614	0.011	125.644	0.007	125.705	0.009	125.748	0.006
111.241	-0.003	111.306	0.006	111.358	-0.002	111.423	-0.008	125.718	0.007	125.808	0.003	125.844	0.006	125.893	0.002
111.470	-0.001	111.528	-0.002	111.610	-0.001	111.675	-0.016	125.953	0.008	126.026	0.003	126.140	0.007	126.207	0.003
111.757	0.005	111.817	0.0	111.870	-0.002	111.947	0.005	126.243	0.005	126.284	-0.002	126.313	0.007	126.360	-0.001
111.994	0.005	112.059	0.001	112.118	0.006	112.178	0.001	126.407	0.008	126.472	-0.001	126.519	0.006	126.573	0.006
112.255	0.011	112.351	0.002	112.429	0.005	112.506	0.001	126.648	0.008	126.713	0.014	126.786	0.012	126.853	0.014
								126.896	0.012	126.975	0.017	127.030	0.014	127.097	0.019

127.194	0.018	127.219	0.021	127.278	0.018	127.338	0.021
127.403	0.017	127.486	0.018	127.557	0.018	127.581	0.007
127.617	0.024	127.658	0.012	127.700	0.021	127.752	0.012
127.793	0.021	127.863	0.013	127.886	0.013	127.985	0.009
128.043	0.017	128.095	0.013	128.130	0.017	128.171	0.009
128.247	0.015	128.283	0.011	128.348	0.018	128.443	0.013
128.514	0.018	128.585	0.011	128.657	0.017	128.745	0.011
128.845	0.013	128.915	0.013	128.973	0.013	129.038	0.009
129.096	0.015	129.155	0.011	129.194	0.019	129.271	0.011
129.341	0.018	129.406	0.013	129.458	0.020	129.569	0.013
129.598	0.018	129.656	0.014	129.738	0.017	129.792	0.009
129.841	0.017	129.883	0.011	129.931	0.011	129.949	0.011
129.979	0.014	130.003	0.008	130.051	0.012	130.093	0.006
130.147	0.012	130.213	0.008	130.267	0.015	130.328	0.003
130.388	0.015	130.437	0.011	130.503	0.011	130.552	0.007
130.600	0.025	130.642	0.002	130.703	0.026	130.757	0.005
130.816	0.015	130.917	0.013	130.988	0.013	131.059	0.017

41.004. 11/14/41 0042 PST, PUBLIC UTILITIES BLDG., LONG BEACH, CAL. NORTH

1299 PCINTS 66.625 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0472 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.010	0.047	0.007	0.083	0.017	0.116	0.015	3.552	0.114	3.961	0.114	3.985	0.122	4.023	0.145
0.145	0.0	0.163	-0.018	0.190	-0.041	0.207	-0.062	4.047	0.095	4.059	0.043	4.083	-0.021	4.113	-0.054
0.234	0.040	0.258	-0.020	0.294	0.006	0.320	0.014	4.157	-0.090	4.211	-0.090	4.211	-0.130	4.238	-0.171
0.356	0.019	0.383	-0.006	0.418	0.015	0.445	0.033	4.273	-0.161	4.294	-0.035	4.306	0.054	4.342	0.122
0.469	0.046	0.501	0.024	0.534	-0.002	0.570	0.003	4.369	0.087	4.404	0.028	4.449	0.089	4.478	0.137
0.554	0.012	0.614	0.019	0.638	0.005	0.656	-0.007	4.500	0.166	4.520	0.120	4.550	0.012	4.571	-0.103
0.686	0.014	0.709	0.028	0.739	0.037	0.775	0.045	4.592	-0.184	4.616	-0.184	4.642	-0.111	4.666	-0.045
0.799	0.062	0.816	0.045	0.834	0.018	0.846	0.011	4.681	-0.020	4.693	-0.004	4.717	-0.055	4.734	-0.132
0.867	0.0	0.879	-0.009	0.894	-0.015	0.926	-0.019	4.761	-0.190	4.770	-0.196	4.787	-0.232	4.823	-0.147
0.950	0.001	0.986	0.003	0.989	0.033	1.012	0.010	4.841	0.061	4.888	0.116	4.909	0.150	4.909	0.150
1.030	-0.032	1.054	-0.046	1.066	-0.053	1.087	-0.026	4.932	0.100	4.959	0.025	4.997	0.002	5.024	0.010
1.106	-0.014	1.122	0.009	1.158	0.036	1.194	0.010	5.059	0.031	5.095	0.030	5.139	0.051	5.166	0.026
1.229	-0.017	1.256	-0.007	1.289	0.010	1.315	0.052	5.183	0.0	5.210	0.030	5.242	0.062	5.271	-0.013
1.339	0.023	1.345	-0.014	1.363	-0.049	1.387	-0.083	5.292	-0.065	5.324	-0.083	5.348	-0.098	5.389	-0.048
1.416	-0.060	1.449	-0.026	1.473	0.025	1.496	0.067	5.424	0.019	5.448	0.093	5.471	0.165	5.492	0.111
1.523	0.039	1.544	0.010	1.553	0.003	1.588	0.008	5.503	0.036	5.530	-0.036	5.574	-0.063	5.600	-0.137
1.615	-0.013	1.630	-0.031	1.654	-0.017	1.674	0.002	5.612	-0.152	5.636	-0.200	5.668	-0.096	5.691	0.015
1.698	-0.020	1.719	-0.031	1.742	-0.005	1.763	0.020	5.721	0.262	5.785	0.289	5.785	0.300	5.817	0.211
1.795	0.030	1.813	0.012	1.828	-0.008	1.860	0.008	5.841	0.104	5.867	-0.039	5.885	-0.324	5.905	-0.350
1.878	0.030	1.908	-0.007	1.925	-0.050	1.946	-0.067	5.941	-0.408	5.961	-0.326	5.982	-0.223	5.993	-0.092
1.956	-0.077	1.993	0.086	2.020	-0.053	2.040	-0.003	6.020	0.065	6.052	0.202	6.084	0.228	6.114	0.078
2.052	-0.003	2.082	0.027	2.120	-0.007	2.149	0.010	6.134	0.063	6.152	-0.015	6.164	-0.034	6.187	-0.056
2.173	0.019	2.202	0.019	2.217	0.035	2.244	0.017	6.207	-0.026	6.231	0.048	6.246	0.118	6.278	0.145
2.261	0.0	2.291	-0.005	2.326	0.013	2.359	-0.005	6.295	0.090	6.322	-0.001	6.345	-0.058	6.363	-0.153
2.391	0.018	2.406	-0.005	2.429	0.012	2.453	-0.008	6.398	-0.201	6.421	-0.236	6.445	-0.151	6.474	-0.087
2.473	-0.027	2.491	0.001	2.521	0.031	2.550	0.046	6.497	-0.007	6.524	0.094	6.550	0.126	6.585	0.165
2.559	0.033	2.582	0.017	2.609	0.016	2.638	0.003	6.626	0.125	6.653	0.070	6.691	0.017	6.723	0.013
2.668	-0.008	2.686	0.006	2.724	0.020	2.744	0.0	6.752	0.045	6.770	0.112	6.788	0.168	6.817	0.193
2.756	-0.007	2.780	-0.017	2.803	-0.017	2.824	-0.027	6.820	0.122	6.852	0.071	6.890	-0.037	6.934	-0.088
2.841	-0.036	2.858	-0.048	2.888	-0.028	2.915	0.017	6.970	0.027	6.993	0.058	7.037	0.106	7.055	0.033
2.933	0.006	2.959	-0.043	2.991	-0.009	3.021	0.026	7.087	0.023	7.096	-0.085	7.122	-0.161	7.137	-0.223
3.050	0.012	3.065	-0.023	3.068	-0.026	3.088	-0.046	7.172	-0.258	7.205	-0.220	7.249	-0.181	7.287	-0.148
3.124	-0.017	3.141	0.0	3.171	-0.007	3.194	-0.007	7.311	-0.092	7.345	-0.056	7.370	0.045	7.396	0.046
3.227	-0.026	3.268	-0.021	3.280	-0.018	3.312	-0.010	7.420	0.099	7.437	0.133	7.461	0.144	7.485	0.116
3.345	-0.028	3.374	0.017	3.401	0.056	3.442	0.025	7.517	0.047	7.555	0.023	7.591	0.013	7.626	0.037
3.481	0.099	3.501	0.122	3.534	0.058	3.557	0.006	7.661	0.113	7.691	0.159	7.723	0.172	7.746	0.175
3.581	-0.001	3.610	0.024	3.640	0.030	3.666	0.005	7.773	0.140	7.802	0.072	7.822	-0.013	7.866	-0.071
3.687	-0.012	3.708	-0.029	3.726	-0.047	3.761	-0.081	7.884	-0.090	7.907	-0.105	7.954	-0.118	7.972	-0.142
3.788	-0.038	3.821	0.035	3.836	-0.007	3.863	-0.053	7.998	-0.166	8.024	-0.188	8.065	-0.150	8.098	-0.130
3.881	-0.085	3.889	-0.091	3.922	0.017	3.943	0.089	8.133	-0.060	8.168	-0.001	8.215	-0.078	8.230	0.073

8.241	0.089	8.265	0.063	8.300	-0.001	8.330	-0.030	16.521	-0.020	16.588	-0.013	16.626	-0.020	16.679	-0.025
8.338	-0.044	8.359	-0.057	8.391	-0.039	8.412	-0.015	16.708	-0.031	16.765	-0.037	16.836	-0.012	16.862	0.001
8.438	0.066	8.462	0.110	8.483	0.143	8.512	0.155	16.889	0.017	16.922	0.033	16.948	0.042	17.007	0.050
8.527	0.140	8.556	0.082	8.603	0.057	8.638	0.082	17.052	0.030	17.078	0.020	17.114	0.008	17.155	0.012
8.641	0.089	8.671	0.114	8.701	0.082	8.721	0.044	17.205	0.021	17.232	0.013	17.276	0.002	17.327	-0.008
8.742	0.012	8.766	-0.025	8.784	-0.044	8.844	-0.057	17.359	-0.019	17.406	-0.018	17.489	-0.017	17.527	-0.007
8.885	-0.090	8.903	-0.125	8.954	-0.153	9.002	-0.084	17.587	0.005	17.616	0.014	17.631	0.031	17.666	0.033
9.031	-0.025	9.055	-0.020	9.091	0.104	9.127	0.212	17.722	0.040	17.772	0.034	17.795	0.027	17.851	0.006
9.163	0.288	9.183	0.313	9.231	0.341	9.251	0.261	17.874	-0.004	17.918	-0.013	17.991	-0.023	18.027	-0.030
9.272	0.237	9.293	0.188	9.310	0.146	9.334	0.109	18.079	-0.027	18.132	-0.020	18.176	-0.009	18.220	0.001
9.361	0.092	9.414	0.155	9.446	0.184	9.467	0.199	18.262	-0.011	18.303	0.014	18.353	0.004	18.380	-0.002
9.496	0.209	9.529	0.173	9.553	0.139	9.576	0.112	18.415	-0.003	18.474	0.003	18.513	-0.002	18.551	-0.007
9.591	0.087	9.609	0.054	9.621	0.039	9.635	0.016	18.595	0.004	18.643	0.010	18.684	0.018	18.738	0.015
9.659	-0.007	9.685	-0.027	9.703	-0.054	9.709	-0.104	18.777	0.008	18.818	-0.005	18.854	-0.014	18.860	-0.021
9.732	-0.128	9.749	-0.172	9.775	-0.226	9.804	-0.274	18.914	-0.031	18.971	-0.021	19.027	-0.002	19.102	0.021
9.825	-0.310	9.862	-0.336	9.903	-0.342	9.961	-0.303	19.150	0.037	19.227	0.053	19.301	0.048	19.402	0.042
10.007	-0.259	10.027	-0.177	10.042	-0.174	10.077	-0.097	19.467	0.034	19.503	0.013	19.544	-0.004	19.591	-0.015
10.114	-0.041	10.143	-0.020	10.193	0.018	10.235	0.038	19.657	-0.023	19.728	-0.029	19.790	-0.027	19.843	0.029
10.272	0.010	10.308	-0.006	10.337	-0.023	10.378	0.045	19.882	0.004	19.923	0.022	19.953	0.027	19.988	0.029
10.399	0.069	10.426	0.102	10.464	0.126	10.496	0.082	20.041	0.020	20.092	0.005	20.127	-0.003	20.142	-0.009
10.520	-0.012	10.552	-0.039	10.591	-0.058	10.629	-0.048	20.189	-0.011	20.261	-0.002	20.321	-0.004	20.354	-0.014
10.664	-0.032	10.712	0.001	10.751	0.039	10.784	0.082	20.411	-0.014	20.506	-0.015	20.557	-0.014	20.611	-0.014
10.845	0.119	10.884	0.122	10.944	0.128	10.974	0.132	20.653	-0.009	20.740	-0.009	20.761	-0.014	20.821	-0.009
11.037	0.146	11.073	0.109	11.122	0.089	11.173	0.073	20.869	0.003	20.923	0.009	20.992	0.011	21.023	0.007
11.237	0.059	11.278	0.027	11.314	-0.011	11.325	-0.015	21.107	0.002	21.167	0.006	21.209	0.002	21.263	0.013
11.355	-0.049	11.378	-0.063	11.416	-0.087	11.472	-0.092	21.290	-0.019	21.361	-0.032	21.448	-0.031	21.520	-0.031
11.498	-0.082	11.560	-0.068	11.606	-0.073	11.647	-0.061	21.588	-0.026	21.627	-0.027	21.735	-0.030	21.836	-0.021
11.671	-0.049	11.697	-0.042	11.731	-0.030	11.763	-0.048	21.895	0.002	21.958	0.011	22.017	0.019	22.070	0.033
11.752	-0.064	11.824	-0.081	11.867	-0.075	11.921	-0.079	22.127	0.043	22.204	0.034	22.252	0.032	22.294	0.028
11.950	-0.084	11.996	-0.064	12.011	-0.054	12.042	-0.032	22.363	0.019	22.405	0.012	22.447	0.005	22.498	-0.005
12.085	-0.011	12.100	-0.002	12.131	-0.014	12.154	-0.040	22.552	-0.022	22.588	-0.032	22.665	-0.041	22.731	-0.031
12.152	-0.047	12.221	-0.050	12.248	-0.031	12.277	-0.026	22.793	-0.018	22.841	-0.014	22.897	-0.012	22.936	-0.014
12.324	-0.031	12.347	-0.034	12.379	-0.042	12.414	-0.031	23.035	-0.009	23.088	-0.002	23.160	-0.006	23.245	0.001
12.452	-0.019	12.470	-0.008	12.505	0.001	12.522	-0.001	23.308	0.012	23.343	0.022	23.393	0.036	23.429	0.038
12.552	-0.015	12.593	-0.038	12.607	-0.046	12.628	-0.055	23.506	0.027	23.553	0.022	23.598	0.013	23.621	0.006
12.686	-0.047	12.710	-0.031	12.762	-0.016	12.812	-0.001	23.669	0.001	23.740	-0.004	23.803	-0.011	23.839	-0.016
12.850	0.016	12.906	0.023	12.973	0.034	13.020	0.045	23.922	-0.018	23.958	-0.015	24.015	-0.007	24.077	0.0
13.084	0.041	13.117	0.044	13.164	0.056	13.225	0.053	24.143	0.006	24.229	0.006	24.259	0.0	24.295	-0.009
13.254	0.047	13.298	0.035	13.321	0.021	13.362	0.035	24.348	-0.018	24.402	-0.012	24.455	-0.011	24.518	-0.008
13.409	0.042	13.459	0.046	13.514	0.057	13.558	0.051	24.586	-0.005	24.628	-0.012	24.702	-0.009	24.764	-0.003
13.617	0.023	13.634	0.012	13.678	0.0	13.728	0.011	24.803	0.0	24.845	-0.002	24.901	-0.007	24.981	-0.005
13.769	0.023	13.822	0.035	13.913	0.021	13.933	0.003	25.053	0.001	25.076	0.006	25.127	0.006	25.171	0.002
13.971	-0.007	14.027	0.008	14.054	0.029	14.098	0.054	25.216	0.0	25.267	-0.005	25.294	-0.012	25.371	-0.010
14.168	0.049	14.203	0.044	14.268	0.050	14.336	0.052	25.419	-0.005	25.470	0.002	25.538	0.019	25.589	0.026
14.357	0.046	14.404	0.030	14.443	0.021	14.484	0.011	25.651	0.024	25.699	0.018	25.738	0.012	25.750	0.006
14.528	-0.002	14.545	-0.010	14.611	-0.028	14.670	-0.038	25.806	-0.001	25.835	-0.006	25.889	-0.012	25.954	-0.015
14.712	-0.045	14.762	-0.031	14.810	-0.013	14.855	0.003	26.043	-0.006	26.105	0.005	26.159	0.012	26.233	0.012
14.902	0.015	14.962	0.023	15.009	0.020	15.075	0.016	26.289	0.006	26.384	0.0	26.446	-0.002	26.571	0.003
15.146	0.012	15.206	0.004	15.241	-0.001	15.297	-0.011	26.636	0.0	26.695	-0.004	26.771	-0.003	26.870	-0.007
15.345	-0.016	15.404	-0.016	15.443	-0.002	15.466	0.009	26.935	-0.007	27.011	-0.009	27.084	-0.007	27.189	-0.001
15.502	0.024	15.546	0.027	15.573	0.015	15.600	0.005	27.262	-0.001	27.300	-0.002	27.364	-0.002	27.440	0.0
15.629	0.0	15.688	-0.006	15.765	-0.002	15.826	-0.014	27.492	0.012	27.562	0.023	27.594	0.022	27.644	0.017
15.861	-0.038	15.900	-0.051	15.938	-0.063	15.950	-0.051	27.685	0.012	27.732	0.006	27.800	0.0	27.850	0.004
16.049	-0.038	16.096	-0.034	16.122	-0.037	16.190	-0.040	27.910	0.003	27.990	-0.002	28.049	0.001	28.132	0.005
16.243	-0.036	16.266	-0.026	16.307	-0.022	16.339	-0.024	28.170	0.005	28.229	-0.002	28.298	-0.008	28.340	-0.012
16.383	-0.031	16.404	-0.033	16.465	-0.032	16.494	-0.026	28.384	-0.016	28.444	-0.017	28.491	-0.019	28.530	-0.025

28.578	-0.018	28.619	-0.013	28.670	-0.012	28.709	-0.016	43.039	0.0	43.116	-0.009	43.187	-0.012	43.287	-0.019
28.789	-0.023	28.875	-0.022	28.908	-0.022	28.982	-0.022	43.350	-0.019	43.423	-0.012	43.500	-0.004	43.589	0.005
29.031	-0.018	29.134	-0.013	29.185	-0.009	29.238	0.0	43.704	0.008	43.838	0.009	43.984	0.010	44.074	0.014
29.301	-0.012	29.333	0.006	29.407	0.009	29.488	0.010	44.142	0.016	44.199	0.008	44.258	0.002	44.332	-0.003
29.538	0.016	29.612	0.020	29.689	0.028	29.737	0.028	44.415	-0.004	44.510	-0.006	44.617	-0.005	44.688	-0.004
29.784	0.025	29.822	0.016	29.855	-0.009	29.917	0.005	44.782	-0.002	44.856	0.001	44.930	-0.006	44.974	-0.005
29.953	0.001	30.029	-0.005	30.068	-0.001	30.139	-0.001	45.092	-0.004	45.184	0.0	45.270	0.006	45.352	0.004
30.210	-0.002	30.295	0.0	30.374	-0.004	30.451	-0.002	45.441	0.002	45.526	-0.001	45.629	-0.005	45.706	-0.007
30.507	0.004	30.557	0.009	30.633	0.014	30.683	0.017	45.759	0.002	45.880	-0.013	45.969	-0.010	46.010	0.001
30.721	0.023	30.814	0.019	30.864	0.019	30.914	0.023	46.084	0.008	46.155	0.003	46.256	0.001	46.363	0.003
30.957	0.013	30.978	0.009	31.045	-0.002	31.091	-0.010	46.464	0.002	46.584	0.004	46.634	0.005	46.716	0.011
31.135	-0.015	31.154	-0.017	31.232	-0.017	31.270	-0.019	46.802	0.008	46.884	0.004	46.970	0.003	47.038	0.005
31.364	-0.021	31.397	-0.020	31.458	-0.019	31.526	-0.012	47.120	0.004	47.205	0.0	47.284	-0.005	47.386	-0.014
31.573	-0.008	31.670	0.012	31.718	-0.006	31.765	-0.003	47.433	-0.012	47.521	-0.007	47.620	-0.003	47.708	0.006
31.819	0.002	31.885	0.006	31.941	0.012	31.992	0.017	47.772	0.014	47.843	0.017	47.925	0.013	48.022	0.006
32.060	0.017	32.126	0.018	32.153	0.013	32.180	0.008	48.093	0.004	48.172	-0.003	48.222	0.0	48.310	-0.005
32.227	0.002	32.286	-0.006	32.373	-0.005	32.438	-0.001	48.419	-0.005	48.484	-0.005	48.572	-0.004	48.666	-0.005
32.527	-0.006	32.568	0.0	32.660	-0.002	32.699	0.001	48.754	-0.008	48.870	-0.004	48.974	-0.001	49.045	0.002
32.776	0.007	32.852	0.006	32.920	0.006	32.958	0.010	49.140	0.006	49.214	0.012	49.289	0.013	49.382	0.008
33.029	0.010	33.100	0.013	33.129	0.007	33.174	0.001	49.457	0.002	49.481	0.001	49.548	0.002	49.626	0.0
33.238	-0.008	33.268	-0.011	33.341	-0.012	33.397	-0.011	49.674	0.001	49.730	-0.001	49.813	-0.001	49.888	-0.003
33.444	-0.001	33.527	-0.004	33.547	-0.006	33.606	-0.008	49.968	-0.006	50.066	-0.004	50.140	-0.007	50.243	-0.001
33.668	-0.009	33.721	-0.007	33.788	-0.005	33.853	-0.004	50.302	-0.001	50.381	-0.007	50.481	-0.007	50.557	-0.011
33.903	-0.005	33.961	-0.006	34.043	-0.011	34.125	-0.012	50.666	-0.006	50.760	-0.005	50.874	-0.007	50.995	-0.002
34.205	-0.004	34.337	0.002	34.404	0.009	34.475	0.020	51.110	-0.006	51.160	-0.002	51.266	-0.007	51.323	-0.006
34.575	0.027	34.595	0.027	34.666	0.024	34.745	0.014	51.418	0.003	51.480	0.004	51.539	0.006	51.646	0.005
34.839	0.018	34.884	0.012	34.916	0.008	34.975	0.003	51.709	0.007	51.803	0.005	51.940	0.009	52.002	0.006
35.037	0.001	35.146	-0.006	35.196	-0.010	35.240	-0.016	52.076	0.0	52.147	-0.002	52.200	-0.005	52.266	-0.008
35.314	-0.025	35.381	-0.021	35.431	-0.014	35.487	-0.008	52.340	-0.006	52.414	-0.009	52.501	-0.003	52.551	-0.002
35.540	-0.013	35.599	-0.014	35.658	-0.015	35.743	-0.017	52.605	-0.005	52.703	-0.002	52.771	-0.006	52.843	-0.007
35.823	-0.014	35.846	-0.016	35.875	-0.013	35.981	-0.014	52.908	-0.002	52.962	-0.001	53.028	-0.003	53.096	-0.003
36.010	-0.010	36.092	-0.005	36.136	0.001	36.213	0.006	53.171	-0.001	53.242	0.0	53.298	0.0	53.342	0.005
36.258	0.004	36.374	0.002	36.430	0.002	36.497	0.002	53.389	0.005	53.463	0.004	53.534	0.008	53.593	0.008
36.576	0.014	36.632	0.013	36.702	0.008	36.761	0.005	53.637	0.007	53.714	0.004	53.769	0.004	53.825	0.005
36.817	0.005	36.879	0.005	36.958	0.007	37.031	0.007	53.884	0.005	53.934	0.005	53.979	0.008	54.038	0.011
37.056	0.005	37.172	0.003	37.254	0.001	37.316	0.002	54.102	0.013	54.155	0.013	54.205	0.011	54.268	0.005
37.378	-0.004	37.468	-0.006	37.542	-0.003	37.630	-0.003	54.347	0.003	54.406	0.006	54.448	0.005	54.513	0.003
37.694	-0.005	37.741	-0.006	37.809	-0.004	37.873	0.001	54.616	0.005	54.678	0.005	54.743	0.003	54.820	0.0
37.958	0.003	38.011	0.011	38.058	0.017	38.140	0.018	54.876	-0.001	54.950	-0.006	55.010	-0.003	55.078	-0.001
38.187	0.006	38.254	-0.001	38.316	-0.007	38.377	-0.013	55.166	-0.005	55.226	0.0	55.291	0.001	55.359	0.003
38.444	-0.012	38.514	-0.012	38.620	-0.008	38.693	-0.002	55.412	0.004	55.474	0.005	55.516	0.003	55.587	0.003
38.775	0.004	38.825	0.008	38.883	0.006	38.989	0.010	55.646	0.005	55.700	0.006	55.744	0.006	55.806	0.003
38.953	0.006	39.153	0.0	39.232	0.0	39.253	0.002	55.871	0.003	55.948	0.0	55.993	-0.001	56.031	-0.003
39.330	0.0	39.395	-0.001	39.454	0.0	39.528	0.0	56.093	-0.006	56.173	-0.005	56.214	-0.003	56.261	-0.002
39.599	-0.003	39.682	-0.007	39.729	-0.004	39.824	-0.009	56.299	0.0	56.355	0.004	56.393	0.004	56.461	0.006
39.910	-0.010	39.943	-0.005	40.023	-0.005	40.077	-0.004	56.523	0.006	56.570	0.006	56.652	0.007	56.704	0.004
40.145	-0.003	40.243	0.001	40.331	0.002	40.370	0.004	56.777	0.001	56.821	0.002	56.882	0.008	56.923	0.013
40.444	-0.005	40.521	-0.006	40.595	-0.003	40.651	-0.005	56.987	0.016	57.034	0.014	57.098	0.008	57.165	0.006
40.737	0.0	40.805	-0.004	40.916	-0.006	40.963	-0.003	57.200	0.002	57.288	-0.002	57.349	-0.004	57.405	-0.004
41.035	-0.001	41.106	0.0	41.177	0.003	41.237	0.002	57.498	-0.003	57.560	-0.006	57.645	-0.003	57.736	0.001
41.356	-0.004	41.427	-0.004	41.529	-0.005	41.579	0.0	57.798	0.004	57.877	0.0	57.982	0.003	58.044	0.003
41.668	-0.005	41.733	-0.005	41.795	-0.003	41.881	-0.007	58.158	-0.005	58.232	-0.002	58.302	-0.002	58.372	0.0
41.910	-0.010	41.987	-0.017	42.055	-0.013	42.117	-0.012	58.437	0.011	58.482	0.009	58.578	0.009	58.666	0.009
42.176	-0.005	42.277	0.0	42.339	0.006	42.424	0.012	58.748	0.004	58.842	0.007	58.895	0.007	58.969	0.010
42.498	0.013	42.578	0.010	42.626	0.008	42.694	0.010	59.027	0.009	59.107	0.008	59.186	0.004	59.230	0.003
42.762	0.013	42.824	0.014	42.903	0.006	42.958	0.007	59.283	-0.001	59.348	-0.003	59.447	-0.003	59.532	-0.003

59.609	-0.001	59.696	-0.005	59.802	-0.001	59.899	0.001
59.586	-0.002	60.086	-0.001	60.145	0.001	60.194	-0.004
60.254	0.0	60.298	0.001	60.390	-0.002	60.440	0.004
60.506	0.007	60.583	0.010	60.642	0.010	60.713	0.006
60.817	0.0	60.915	-0.003	60.980	-0.006	61.045	-0.008
61.164	-0.014	61.235	-0.008	61.326	-0.008	61.452	-0.001
61.504	0.001	61.566	0.004	61.639	0.009	61.716	0.012
61.784	0.010	61.893	0.003	61.970	0.006	62.082	0.004
62.218	0.005	62.295	0.002	62.367	-0.004	62.459	-0.005
62.562	-0.003	62.640	0.0	62.708	0.0	62.820	-0.007
62.917	-0.003	63.003	0.003	63.079	0.002	63.206	-0.004
63.301	-0.002	63.381	0.003	63.479	0.003	63.574	0.002
63.708	-0.002	63.755	0.003	63.870	0.003	63.962	0.001
64.086	0.002	64.157	0.002	64.269	-0.006	64.316	-0.005
64.436	-0.006	64.492	-0.010	64.565	-0.013	64.650	-0.012
64.733	-0.004	64.789	-0.001	64.898	0.001	64.957	0.001
65.037	-0.006	65.108	-0.005	65.229	0.004	65.306	0.003
65.388	0.004	65.483	0.0	65.568	0.0	65.669	0.002
65.765	0.003	65.855	-0.002	65.966	-0.001	66.103	-0.006
66.185	-0.006	66.279	-0.008	66.385	-0.004	66.458	-0.003
66.543	-0.005	66.599	-0.007	66.625	-0.001		

41.004. 11/14/41 0042 PST, PUBLIC UTILITIES BLDG., LONG BEACH, CAL. EAST

1663 POINTS 66.611 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERC MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0620 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.008	0.033	-0.008	0.062	-0.006	0.080	0.009	2.512	-0.074	2.939	-0.097	2.959	-0.071	2.974	-0.046	2.974	-0.046
0.058	0.019	0.110	0.039	0.124	0.048	0.145	0.038	2.986	-0.034	3.015	-0.030	3.027	-0.020	3.039	0.016	3.039	0.016
0.157	0.026	0.169	0.012	0.184	-0.001	0.204	-0.014	3.050	-0.017	3.074	-0.054	3.095	-0.022	3.109	-0.005	3.109	-0.005
0.234	-0.021	0.258	-0.033	0.282	-0.036	0.299	-0.036	3.124	-0.028	3.165	-0.046	3.180	-0.055	3.195	-0.074	3.195	-0.074
0.311	-0.023	0.329	-0.009	0.347	0.009	0.368	-0.001	3.203	-0.099	3.224	-0.136	3.254	-0.112	3.265	-0.094	3.265	-0.094
0.406	-0.013	0.427	0.0	0.451	0.004	0.475	0.015	3.277	-0.073	3.292	-0.046	3.313	-0.027	3.333	-0.042	3.333	-0.042
0.501	0.001	0.543	-0.007	0.573	-0.015	0.590	-0.021	3.339	-0.058	3.357	-0.073	3.380	-0.087	3.407	-0.060	3.407	-0.060
0.608	-0.029	0.626	-0.037	0.638	-0.017	0.653	0.007	3.433	-0.028	3.451	-0.004	3.463	-0.052	3.475	0.089	3.475	0.089
0.680	0.038	0.709	0.017	0.721	0.0	0.742	-0.011	3.487	0.130	3.516	0.127	3.537	0.122	3.563	0.087	3.563	0.087
0.781	0.009	0.804	-0.002	0.831	0.002	0.843	0.016	3.584	0.064	3.599	0.046	3.616	0.032	3.643	0.012	3.643	0.012
0.867	0.037	0.882	0.022	0.902	0.004	0.920	-0.011	3.655	-0.031	3.669	-0.045	3.684	0.062	3.699	0.078	3.699	0.078
0.941	-0.019	0.959	-0.029	0.977	-0.042	1.003	-0.055	3.738	0.075	3.752	-0.042	3.761	0.005	3.770	-0.032	3.770	-0.032
1.030	-0.054	1.048	-0.050	1.066	-0.060	1.081	-0.067	3.782	-0.085	3.791	-0.103	3.803	-0.145	3.827	-0.166	3.827	-0.166
1.102	-0.082	1.116	-0.069	1.131	-0.042	1.149	-0.014	3.848	-0.141	3.860	-0.090	3.876	-0.044	3.892	-0.063	3.892	-0.063
1.158	0.015	1.185	0.015	1.209	0.024	1.229	0.037	3.919	-0.045	3.943	-0.075	3.976	-0.045	4.023	-0.063	4.023	-0.063
1.250	0.053	1.265	0.069	1.280	0.095	1.292	0.099	4.047	-0.024	4.068	0.008	4.086	0.032	4.107	0.062	4.107	0.062
1.309	0.084	1.321	0.095	1.333	0.023	1.345	-0.002	4.116	0.086	4.127	0.112	4.160	0.129	4.196	0.122	4.196	0.122
1.369	-0.013	1.381	-0.005	1.398	0.023	1.413	0.040	4.217	0.120	4.241	0.112	4.270	0.134	4.282	0.163	4.282	0.163
1.431	0.055	1.458	0.077	1.470	0.061	1.490	0.037	4.294	0.191	4.306	0.209	4.336	0.226	4.366	0.211	4.366	0.211
1.499	0.010	1.511	-0.018	1.535	-0.033	1.556	-0.024	4.380	0.177	4.395	0.149	4.413	0.108	4.428	0.099	4.428	0.099
1.579	-0.018	1.606	-0.016	1.636	-0.007	1.660	-0.006	4.443	0.069	4.461	0.044	4.499	0.012	4.532	0.041	4.532	0.041
1.674	-0.022	1.685	-0.043	1.707	-0.064	1.722	-0.084	4.559	-0.028	4.577	0.0	4.589	-0.045	4.595	-0.059	4.595	-0.059
1.754	-0.065	1.772	-0.055	1.796	-0.043	1.816	-0.020	4.616	-0.087	4.639	-0.096	4.675	-0.077	4.702	-0.111	4.702	-0.111
1.822	-0.063	1.834	-0.026	1.846	-0.043	1.855	-0.079	4.717	-0.140	4.734	-0.159	4.758	-0.172	4.779	-0.180	4.779	-0.180
1.875	0.087	1.896	0.052	1.908	0.033	1.922	0.019	4.844	-0.146	4.844	-0.146	4.873	-0.131	4.894	-0.114	4.894	-0.114
1.934	0.011	1.961	-0.006	1.984	0.001	2.002	-0.003	4.903	-0.053	4.926	-0.047	4.947	-0.020	4.962	0.036	4.962	0.036
2.017	-0.015	2.029	-0.035	2.040	-0.054	2.061	-0.059	4.977	0.095	4.991	0.131	5.015	0.174	5.033	0.167	5.033	0.167
2.088	-0.035	2.088	-0.011	2.096	-0.042	2.102	0.060	5.059	0.156	5.071	0.132	5.083	0.094	5.098	0.067	5.098	0.067
2.123	0.067	2.144	0.053	2.158	0.032	2.176	0.006	5.115	-0.029	5.130	-0.002	5.151	0.004	5.169	0.046	5.169	0.046
2.191	-0.024	2.203	-0.032	2.209	-0.039	2.226	-0.021	5.186	0.089	5.198	0.124	5.210	0.181	5.216	0.229	5.216	0.229
2.232	-0.001	2.241	0.026	2.253	0.053	2.273	0.080	5.225	0.290	5.242	0.334	5.266	0.349	5.280	0.328	5.280	0.328
2.285	0.062	2.294	0.030	2.303	-0.008	2.312	-0.045	5.292	0.264	5.307	0.204	5.325	0.097	5.336	-0.022	5.336	-0.022
2.323	-0.076	2.341	-0.103	2.359	-0.077	2.368	-0.043	5.351	-0.090	5.374	-0.162	5.395	-0.184	5.413	-0.189	5.413	-0.189
2.379	0.002	2.391	0.054	2.406	0.085	2.429	0.049	5.442	-0.162	5.480	-0.149	5.495	-0.156	5.524	-0.165	5.524	-0.165
2.441	0.003	2.453	-0.040	2.468	-0.029	2.491	-0.025	5.559	-0.172	5.577	-0.207	5.589	-0.249	5.606	-0.287	5.606	-0.287
2.509	-0.001	2.533	0.002	2.559	-0.003	2.583	-0.015	5.621	-0.332	5.633	-0.375	5.645	-0.411	5.677	-0.438	5.677	-0.438
2.597	-0.032	2.630	-0.050	2.653	-0.033	2.674	-0.013	5.700	-0.443	5.724	-0.432	5.753	-0.416	5.767	-0.356	5.767	-0.356
2.689	0.065	2.703	0.054	2.727	0.073	2.745	0.038	5.783	-0.330	5.794	-0.269	5.809	-0.204	5.824	-0.071	5.824	-0.071
2.759	0.006	2.786	-0.028	2.809	-0.011	2.827	0.008	5.841	-0.018	5.853	-0.046	5.865	-0.052	5.888	-0.091	5.888	-0.091
2.856	0.003	2.889	-0.011	2.899	-0.011	2.900	-0.038	5.923	0.055	5.935	-0.029	5.953	-0.059	5.973	-0.097	5.973	-0.097
2.856	0.003	2.889	-0.011	2.899	-0.011	2.900	-0.038	5.923	0.055	5.935	-0.029	5.953	-0.059	5.973	-0.097	5.973	-0.097

5.997	-0.139	6.020	-0.092	6.032	-0.030	6.046	0.059	11.121	0.020	11.139	-0.033	11.169	-0.039	11.226	-0.042
6.055	0.132	6.067	0.230	6.076	0.296	6.088	0.348	11.232	-0.024	11.247	-0.003	11.270	0.018	11.323	0.020
6.102	0.385	6.117	0.357	6.146	0.388	6.173	0.366	11.337	-0.006	11.367	-0.036	11.390	-0.059	11.419	-0.075
6.196	0.321	6.217	0.274	6.228	0.251	6.237	0.179	11.472	-0.074	11.490	-0.064	11.519	-0.052	11.554	-0.043
6.252	0.134	6.269	0.100	6.284	0.046	6.301	0.039	11.598	-0.046	11.651	-0.049	11.674	-0.055	11.700	-0.060
6.325	0.101	6.348	0.165	6.363	0.179	6.386	0.188	11.724	-0.064	11.749	-0.075	11.770	-0.079	11.804	-0.087
6.422	0.168	6.451	0.126	6.468	0.043	6.480	0.026	11.836	-0.070	11.847	-0.057	11.867	-0.035	11.882	-0.021
6.495	-0.021	6.504	-0.082	6.512	-0.156	6.530	0.026	11.916	-0.011	11.942	-0.023	11.960	-0.035	11.977	-0.062
6.562	-0.192	6.588	-0.167	6.603	-0.144	6.615	0.097	12.000	-0.073	12.029	-0.084	12.066	-0.063	12.089	-0.047
6.627	-0.021	6.632	-0.002	6.641	0.067	6.656	0.080	12.118	-0.028	12.149	-0.015	12.190	-0.006	12.219	-0.015
6.665	0.119	6.679	0.179	6.700	0.196	6.726	0.171	12.233	-0.020	12.260	-0.032	12.286	-0.042	12.312	-0.057
6.744	0.113	6.755	0.038	6.767	-0.069	6.779	-0.136	12.342	-0.066	12.380	-0.073	12.403	-0.079	12.441	-0.083
6.791	-0.212	6.817	-0.179	6.838	-0.141	6.849	-0.073	12.470	-0.088	12.532	-0.092	12.552	-0.085	12.613	-0.084
6.858	-0.059	6.873	-0.021	6.891	-0.012	6.911	-0.004	12.657	-0.075	12.707	-0.060	12.754	-0.046	12.777	-0.033
6.955	0.0	6.967	-0.016	6.993	-0.045	7.029	-0.058	12.815	-0.016	12.856	-0.001	12.874	0.008	12.935	0.009
7.055	-0.030	7.084	-0.022	7.102	0.006	7.128	0.010	12.965	0.006	13.023	0.006	13.058	0.023	13.091	0.041
7.158	-0.001	7.178	-0.019	7.196	-0.042	7.220	-0.055	13.114	0.054	13.132	0.064	13.155	0.079	13.208	0.077
7.249	-0.032	7.261	-0.011	7.278	0.016	7.287	0.050	13.231	0.063	13.246	0.046	13.269	0.036	13.284	0.019
7.256	0.081	7.311	0.115	7.323	0.138	7.346	0.148	13.316	0.015	13.348	0.009	13.363	0.002	13.398	0.0
7.379	0.131	7.390	0.099	7.408	0.080	7.446	0.072	13.456	0.001	13.486	0.005	13.521	0.008	13.567	0.018
7.476	0.070	7.520	0.078	7.538	0.080	7.567	0.074	13.594	0.029	13.641	0.033	13.673	0.046	13.687	0.057
7.582	0.063	7.605	0.035	7.617	0.010	7.629	-0.024	13.714	0.060	13.766	0.062	13.810	0.060	13.854	0.062
7.644	-0.050	7.653	-0.069	7.655	-0.096	7.667	-0.125	13.890	0.077	13.901	0.080	13.922	0.082	13.957	0.090
7.685	-0.156	7.714	-0.147	7.758	-0.107	7.767	-0.060	13.983	0.042	14.004	0.072	14.027	0.063	14.048	0.054
7.790	-0.021	7.811	0.015	7.826	0.048	7.887	0.035	14.068	0.048	14.089	0.028	14.115	0.019	14.145	0.010
7.902	-0.001	7.931	-0.074	7.957	-0.119	7.981	-0.148	14.209	0.027	14.233	0.038	14.257	0.048	14.259	0.054
7.993	-0.166	8.039	-0.170	8.075	-0.175	8.121	-0.183	14.280	0.066	14.319	0.075	14.366	0.073	14.428	0.073
8.162	-0.187	8.200	-0.181	8.224	-0.168	8.262	-0.156	14.487	0.071	14.525	0.069	14.558	0.066	14.570	0.058
8.286	-0.191	8.324	-0.214	8.339	-0.232	8.359	-0.252	14.605	0.052	14.632	0.049	14.664	0.047	14.706	0.044
8.474	-0.254	8.484	-0.243	8.450	-0.220	8.465	-0.196	14.747	0.041	14.780	0.038	14.822	0.029	14.857	0.031
8.533	-0.034	8.565	-0.034	8.500	-0.065	8.515	-0.053	14.890	0.035	14.929	0.035	14.967	0.029	14.979	0.024
8.627	-0.024	8.645	0.027	8.671	0.102	8.692	0.195	15.012	0.015	15.024	0.006	15.051	-0.001	15.110	-0.005
8.724	0.270	8.748	0.371	8.778	0.435	8.802	0.495	15.164	-0.005	15.214	-0.004	15.247	-0.007	15.294	-0.016
8.831	0.524	8.867	0.545	8.912	0.545	8.921	0.537	15.336	-0.022	15.366	-0.030	15.389	-0.036	15.428	-0.034
8.942	0.482	8.960	0.462	8.986	0.369	9.007	0.319	15.457	-0.065	15.508	-0.074	15.514	-0.075	15.549	-0.084
9.031	0.278	9.043	0.209	9.064	0.176	9.091	0.125	15.594	-0.088	15.632	-0.101	15.689	-0.103	15.724	-0.093
9.118	0.108	9.159	0.071	9.165	0.046	9.186	-0.005	15.771	-0.088	15.818	-0.086	15.850	-0.073	15.876	-0.065
9.201	-0.056	9.231	-0.083	9.254	-0.069	9.269	-0.111	15.909	-0.052	15.920	-0.047	15.958	-0.042	16.017	-0.052
9.305	-0.090	9.328	-0.053	9.352	-0.020	9.378	-0.004	16.044	-0.060	16.079	-0.055	16.108	-0.055	16.149	-0.053
9.405	-0.052	9.414	-0.093	9.432	-0.098	9.440	-0.132	16.193	-0.050	16.252	-0.052	16.290	-0.052	16.345	-0.053
9.458	-0.163	9.473	-0.220	9.494	-0.223	9.514	-0.249	16.392	-0.054	16.433	-0.054	16.477	-0.050	16.506	-0.045
9.559	-0.250	9.579	-0.237	9.621	-0.221	9.659	-0.221	16.542	-0.040	16.583	-0.037	16.638	-0.036	16.685	-0.032
9.703	-0.220	9.729	-0.206	9.741	-0.193	9.761	-0.156	16.744	-0.026	16.806	-0.015	16.877	0.0	16.960	-0.014
9.779	-0.096	9.799	-0.055	9.834	-0.016	9.854	0.018	17.028	0.030	17.078	0.044	17.132	0.057	17.164	0.067
9.866	0.036	9.903	0.015	9.935	-0.027	9.970	-0.061	17.206	0.085	17.268	0.090	17.315	0.076	17.336	0.068
9.985	-0.081	10.022	-0.063	10.043	-0.019	10.063	0.019	17.374	0.057	17.406	0.054	17.486	0.046	17.533	0.058
10.077	0.063	10.092	0.059	10.109	0.127	10.141	0.141	17.563	0.065	17.593	0.072	17.666	0.075	17.699	0.067
10.161	0.126	10.182	0.078	10.196	0.063	10.228	0.036	17.728	0.059	17.740	0.055	17.769	0.048	17.816	0.035
10.276	0.017	10.296	0.030	10.337	0.039	10.364	0.036	17.866	0.024	17.913	0.018	17.968	0.006	18.004	0.003
10.417	0.025	10.446	0.014	10.470	0.008	10.520	0.021	18.062	-0.005	18.118	-0.015	18.170	-0.026	18.241	-0.028
10.544	0.021	10.582	0.030	10.614	0.025	10.632	0.017	18.285	-0.022	18.350	-0.016	18.415	-0.018	18.451	-0.023
10.661	0.004	10.700	-0.002	10.727	0.013	10.751	0.033	18.477	-0.032	18.501	-0.041	18.569	-0.053	18.631	-0.050
10.781	0.060	10.799	0.084	10.838	0.100	10.877	0.095	18.653	-0.052	18.762	-0.052	18.830	-0.045	18.872	-0.031
10.904	0.083	10.919	0.073	10.953	0.060	10.986	0.053	18.938	-0.018	19.009	0.0	19.072	0.010	19.087	0.016
11.013	0.060	11.052	0.067	11.079	0.059	11.097	0.036	19.123	0.025	19.176	0.034	19.245	0.038	19.298	0.032
								19.369	0.025	19.396	0.017	19.440	0.012	19.476	0.006

19.523	-0.002	19.568	-0.006	19.615	-0.012	19.677	-0.019	19.734	-0.019	19.781	-0.013	19.838	-0.002	19.895	-0.006	19.952	-0.014	20.009	-0.022	20.066	-0.030	20.123	-0.038	20.180	-0.046	20.237	-0.054	20.294	-0.062	20.351	-0.070	20.408	-0.078	20.465	-0.086	20.522	-0.094	20.579	-0.102	20.636	-0.110	20.693	-0.118	20.750	-0.126	20.807	-0.134	20.864	-0.142	20.921	-0.150	20.978	-0.158	21.035	-0.166	21.092	-0.174	21.149	-0.182	21.206	-0.190	21.263	-0.198	21.320	-0.206	21.377	-0.214	21.434	-0.222	21.491	-0.230	21.548	-0.238	21.605	-0.246	21.662	-0.254	21.719	-0.262	21.776	-0.270	21.833	-0.278	21.890	-0.286	21.947	-0.294	22.004	-0.302	22.061	-0.310	22.118	-0.318	22.175	-0.326	22.232	-0.334	22.289	-0.342	22.346	-0.350	22.403	-0.358	22.460	-0.366	22.517	-0.374	22.574	-0.382	22.631	-0.390	22.688	-0.398	22.745	-0.406	22.802	-0.414	22.859	-0.422	22.916	-0.430	22.973	-0.438	23.030	-0.446	23.087	-0.454	23.144	-0.462	23.201	-0.470	23.258	-0.478	23.315	-0.486	23.372	-0.494	23.429	-0.502	23.486	-0.510	23.543	-0.518	23.600	-0.526	23.657	-0.534	23.714	-0.542	23.771	-0.550	23.828	-0.558	23.885	-0.566	23.942	-0.574	24.000	-0.582	24.057	-0.590	24.114	-0.598	24.171	-0.606	24.228	-0.614	24.285	-0.622	24.342	-0.630	24.399	-0.638	24.456	-0.646	24.513	-0.654	24.570	-0.662	24.627	-0.670	24.684	-0.678	24.741	-0.686	24.798	-0.694	24.855	-0.702	24.912	-0.710	24.969	-0.718	25.026	-0.726	25.083	-0.734	25.140	-0.742	25.197	-0.750	25.254	-0.758	25.311	-0.766	25.368	-0.774	25.425	-0.782	25.482	-0.790	25.539	-0.798	25.596	-0.806	25.653	-0.814	25.710	-0.822	25.767	-0.830	25.824	-0.838	25.881	-0.846	25.938	-0.854	26.000	-0.862	26.057	-0.870	26.114	-0.878	26.171	-0.886	26.228	-0.894	26.285	-0.902	26.342	-0.910	26.399	-0.918	26.456	-0.926	26.513	-0.934	26.570	-0.942	26.627	-0.950	26.684	-0.958	26.741	-0.966	26.798	-0.974	26.855	-0.982	26.912	-0.990	26.969	-0.998	27.026	-1.006	27.083	-1.014	27.140	-1.022	27.197	-1.030	27.254	-1.038	27.311	-1.046	27.368	-1.054	27.425	-1.062	27.482	-1.070	27.539	-1.078	27.596	-1.086	27.653	-1.094	27.710	-1.102	27.767	-1.110	27.824	-1.118	27.881	-1.126	27.938	-1.134	28.000	-1.142	28.057	-1.150	28.114	-1.158	28.171	-1.166	28.228	-1.174	28.285	-1.182	28.342	-1.190	28.399	-1.198	28.456	-1.206	28.513	-1.214	28.570	-1.222	28.627	-1.230	28.684	-1.238	28.741	-1.246	28.798	-1.254	28.855	-1.262	28.912	-1.270	28.969	-1.278	29.026	-1.286	29.083	-1.294	29.140	-1.302	29.197	-1.310	29.254	-1.318	29.311	-1.326	29.368	-1.334	29.425	-1.342	29.482	-1.350	29.539	-1.358	29.596	-1.366	29.653	-1.374	29.710	-1.382	29.767	-1.390	29.824	-1.398	29.881	-1.406	29.938	-1.414	30.000	-1.422	30.057	-1.430	30.114	-1.438	30.171	-1.446	30.228	-1.454	30.285	-1.462	30.342	-1.470	30.399	-1.478	30.456	-1.486	30.513	-1.494	30.570	-1.502	30.627	-1.510	30.684	-1.518	30.741	-1.526	30.798	-1.534	30.855	-1.542	30.912	-1.550	30.969	-1.558	31.026	-1.566	31.083	-1.574	31.140	-1.582	31.197	-1.590	31.254	-1.598	31.311	-1.606	31.368	-1.614	31.425	-1.622	31.482	-1.630	31.539	-1.638	31.596	-1.646	31.653	-1.654	31.710	-1.662	31.767	-1.670	31.824	-1.678	31.881	-1.686	31.938	-1.694	32.000	-1.702	32.057	-1.710	32.114	-1.718	32.171	-1.726	32.228	-1.734	32.285	-1.742	32.342	-1.750	32.399	-1.758	32.456	-1.766	32.513	-1.774	32.570	-1.782	32.627	-1.790	32.684	-1.798	32.741	-1.806	32.798	-1.814	32.855	-1.822	32.912	-1.830	32.969	-1.838	33.026	-1.846	33.083	-1.854	33.140	-1.862	33.197	-1.870	33.254	-1.878	33.311	-1.886	33.368	-1.894	33.425	-1.902	33.482	-1.910	33.539	-1.918	33.596	-1.926	33.653	-1.934	33.710	-1.942	33.767	-1.950	33.824	-1.958	33.881	-1.966	33.938	-1.974	34.000	-1.982	34.057	-1.990	34.114	-1.998	34.171	-2.006	34.228	-2.014	34.285	-2.022	34.342	-2.030	34.399	-2.038	34.456	-2.046	34.513	-2.054	34.570	-2.062	34.627	-2.070	34.684	-2.078	34.741	-2.086	34.798	-2.094	34.855	-2.102	34.912	-2.110	34.969	-2.118	35.026	-2.126	35.083	-2.134	35.140	-2.142	35.197	-2.150	35.254	-2.158	35.311	-2.166	35.368	-2.174	35.425	-2.182	35.482	-2.190	35.539	-2.198	35.596	-2.206	35.653	-2.214	35.710	-2.222	35.767	-2.230	35.824	-2.238	35.881	-2.246	35.938	-2.254	36.000	-2.262	36.057	-2.270	36.114	-2.278	36.171	-2.286	36.228	-2.294	36.285	-2.302	36.342	-2.310	36.399	-2.318	36.456	-2.326	36.513	-2.334	36.570	-2.342	36.627	-2.350	36.684	-2.358	36.741	-2.366	36.798	-2.374	36.855	-2.382	36.912	-2.390	36.969	-2.398	37.026	-2.406	37.083	-2.414	37.140	-2.422	37.197	-2.430	37.254	-2.438	37.311	-2.446	37.368	-2.454	37.425	-2.462	37.482	-2.470	37.539	-2.478	37.596	-2.486	37.653	-2.494	37.710	-2.502	37.767	-2.510	37.824	-2.518	37.881	-2.526	37.938	-2.534	38.000	-2.542	38.057	-2.550	38.114	-2.558	38.171	-2.566	38.228	-2.574	38.285	-2.582	38.342	-2.590	38.399	-2.598	38.456	-2.606	38.513	-2.614	38.570	-2.622	38.627	-2.630	38.684	-2.638	38.741	-2.646	38.798	-2.654	38.855	-2.662	38.912	-2.670	38.969	-2.678	39.026	-2.686	39.083	-2.694	39.140	-2.702	39.197	-2.710	39.254	-2.718	39.311	-2.726	39.368	-2.734	39.425	-2.742	39.482	-2.750	39.539	-2.758	39.596	-2.766	39.653	-2.774	39.710	-2.782	39.767	-2.790	39.824	-2.798	39.881	-2.806	39.938	-2.814	40.000	-2.822	40.057	-2.830	40.114	-2.838	40.171	-2.846	40.228	-2.854	40.285	-2.862	40.342	-2.870	40.399	-2.878	40.456	-2.886	40.513	-2.894	40.570	-2.902	40.627	-2.910	40.684	-2.918	40.741	-2.926	40.798	-2.934	40.855	-2.942	40.912	-2.950	40.969	-2.958	41.026	-2.966	41.083	-2.974	41.140	-2.982	41.197	-2.990	41.254	-2.998	41.311	-3.006	41.368	-3.014	41.425	-3.022	41.482	-3.030	41.539	-3.038	41.596	-3.046	41.653	-3.054	41.710	-3.062	41.767	-3.070	41.824	-3.078	41.881	-3.086	41.938	-3.094	42.000	-3.102	42.057	-3.110	42.114	-3.118	42.171	-3.126	42.228	-3.134	42.285	-3.142	42.342	-3.150	42.399	-3.158	42.456	-3.166	42.513	-3.174	42.570	-3.182	42.627	-3.190	42.684	-3.198	42.741	-3.206	42.798	-3.214	42.855	-3.222	42.912	-3.230	42.969	-3.238	43.026	-3.246	43.083	-3.254	43.140	-3.262	43.197	-3.270	43.254	-3.278	43.311	-3.286	43.368	-3.294	43.425	-3.302	43.482	-3.310	43.539	-3.318	43.596	-3.326	43.653	-3.334	43.710	-3.342	43.767	-3.350	43.824	-3.358	43.881	-3.366	43.938	-3.374	44.000	-3.382	44.057	-3.390	44.114	-3.398	44.171	-3.406	44.228	-3.414	44.285	-3.422	44.342	-3.430	44.399	-3.438	44.456	-3.446	44.513	-3.454	44.570	-3.462	44.627	-3.470	44.684	-3.478	44.741	-3.486	44.798	-3.494	44.855	-3.502	44.912	-3.510	44.969	-3.518	45.026	-3.526	45.083	-3.534	45.140	-3.542	45.197	-3.550	45.254	-3.558	45.311	-3.566	45.368	-3.574	45.425	-3.582	45.482	-3.590	45.539	-3.598	45.596	-3.606	45.653	-3.614	45.710	-3.622	45.767	-3.630	45.824	-3.638	45.881	-3.646	45.938	-3.654	46.000	-3.662	46.057	-3.670	46.114	-3.678	46.171	-3.686	46.228	-3.694	46.285	-3.702	46.342	-3.710	46.399	-3.718	46.456	-3.726	46.513	-3.734	46.570	-3.742	46.627	-3.750	46.684	-3.758	46.741	-3.766	46.798	-3.774	46.855	-3.782	46.912	-3.790	46.969	-3.798	47.026	-3.806	47.083	-3.814	47.140	-3.822	47.197	-3.830	47.254	-3.838	47.311	-3.846	47.368	-3.854	47.425	-3.862	47.482	-3.870	47.539	-3.878	47.596	-3.886	47.653	-3.894	47.710	-3.902	47.767	-3.910	47.824	-3.918	47.881	-3.926	47.938	-3.934	48.000	-3.942	48.057	-3.950	48.114	-3.958	48.171	-3.966	48.228	-3.974	48.285	-3.982	48.342	-3.990	48.399	-3.998	48.456	-4.006	48.513	-4.014	48.570	-4.022	48.627	-4.030	48.684	-4.038	48.741	-4.046	48.798	-4.054	48.855	-4.062	48.912	-4.070	48.969	-4.078	49.026	-4.086	49.083	-4.094	49.140	-4.102	49.197	-4.110	49.254	-4.118	49.311	-4.126	49.368	-4.134	49.425	-4.142	49.482	-4.150	49.539	-4.158	49.596	-4.166	49.653	-4.174	49.710	-4.182	49.767	-4.190	49.824	-4.198	49.881	-4.206	49.938	-4.214	50.000	-4.222	50.057	-4.230	50.114	-4.238	50.171	-4.246	50.228	-4.254	50.285	-4.262	50.342	-4.270	50.399	-4.278	50.456	-4.286	50.513	-4.294	50.570	-4.302	50.627	-4.310	50.684	-4.318	50.741	-4.326	50.798	-4.334	50.855	-4.342	50.912	-4.350	50.969	-4.358	51.026	-4.366	51.083	-4.374	51.140	-4.382	51.197	-4.390	51.254	-4.398	51.311	-4.406	51.368	-4.414	51.425	-4.422	51.482	-4.430	51.539	-4.438	51.596	-4.446	51.653	-4.454	51.710	-4.462	51.767	-4.470	51.824	-4.478	51.881	-4.486	51.938	-4.494	52.000	-4.502	52.057	-4.510	52.114	-4.518	52.171	-4.526	52.228	-4.534	52.285	-4.542	52.342	-4.550	52.399	-4.558	52.456	-4.566	52.513	-4.574	52.570	-4.582	52.627	-4.590	52.684	-4.598	52.741	-4.606	52.798	-4.614	52.855	-4.622	52.912	-4.630	52.969	-4.
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40.216	0.014	40.257	0.015	40.308	0.017	40.364	0.018	50.648	0.013	50.742	0.010	50.798	0.013	50.848	0.009
40.408	0.015	40.467	0.015	40.506	0.014	40.553	0.012	50.904	0.005	50.942	0.0	50.998	0.003	51.039	0.008
40.589	0.012	40.615	0.008	40.669	0.007	40.728	0.003	51.101	-0.009	51.139	-0.010	51.219	-0.013	51.275	-0.013
40.767	0.004	40.805	0.005	40.853	0.004	40.889	0.002	51.344	-0.011	51.409	-0.009	51.459	-0.007	51.542	-0.005
40.933	-0.002	40.966	-0.001	40.996	0.0	41.037	0.001	51.599	-0.003	51.685	-0.001	51.747	-0.008	51.794	-0.004
41.067	0.0	41.118	-0.001	41.156	-0.001	41.201	0.001	51.889	-0.010	51.954	-0.006	52.037	-0.006	52.088	0.002
41.240	0.004	41.296	0.009	41.341	0.013	41.386	0.012	52.411	0.006	52.489	0.003	52.566	-0.001	52.610	-0.003
41.421	0.012	41.472	0.011	41.543	0.012	41.600	0.010	52.697	-0.001	52.756	0.0	52.828	-0.004	52.905	0.006
41.636	0.011	41.671	0.015	41.734	0.012	41.781	0.009	52.959	-0.008	53.075	-0.008	53.075	-0.006	53.135	-0.006
41.825	0.008	41.869	0.002	41.908	0.002	41.955	0.0	53.227	-0.011	53.301	-0.005	53.357	-0.004	53.451	-0.006
42.008	-0.003	42.058	-0.002	42.111	-0.004	42.135	-0.004	53.516	-0.007	53.607	0.001	53.681	0.005	53.749	0.005
42.197	-0.008	42.271	-0.007	42.333	-0.004	42.392	0.0	53.817	-0.001	53.867	0.0	53.949	-0.001	54.008	-0.002
42.439	0.004	42.455	0.007	42.561	0.010	42.614	0.017	54.085	-0.006	54.144	-0.009	54.185	-0.011	54.256	-0.015
42.661	0.010	42.688	0.017	42.729	0.018	42.773	0.010	54.335	-0.015	54.395	-0.012	54.460	-0.007	54.528	-0.001
42.827	0.016	42.874	0.018	42.892	0.016	42.933	0.013	54.601	0.003	54.691	0.007	54.737	0.005	54.802	0.004
42.966	0.010	43.025	0.005	43.063	0.001	43.101	-0.003	54.868	0.007	54.944	0.003	54.971	0.005	55.042	0.002
43.172	-0.005	43.220	-0.006	43.255	-0.008	43.282	-0.008	55.081	0.002	55.131	0.002	55.205	-0.002	55.285	0.0
43.320	-0.006	43.364	-0.002	43.412	-0.001	43.462	0.0	55.380	-0.004	55.448	-0.003	55.504	-0.001	55.560	-0.003
43.515	0.007	43.542	0.011	43.589	0.013	43.660	0.016	55.566	-0.004	55.634	-0.008	55.726	-0.007	55.771	-0.010
43.716	0.016	43.785	0.016	43.814	0.014	43.850	0.011	55.851	-0.010	55.910	-0.005	55.972	-0.001	56.019	0.005
43.892	0.007	43.931	0.003	43.981	0.004	44.023	0.002	56.075	0.009	56.182	0.019	56.241	0.017	56.323	0.013
44.077	0.002	44.133	0.006	44.178	0.008	44.217	0.006	56.388	0.009	56.441	0.008	56.517	0.004	56.537	0.001
44.249	0.009	44.300	0.009	44.332	0.007	44.374	0.001	56.640	0.001	56.681	0.0	56.743	0.004	56.836	-0.001
44.427	0.001	44.477	0.0	44.537	0.001	44.551	0.001	56.871	0.0	56.967	0.001	57.028	0.001	57.063	0.001
44.605	0.001	44.652	-0.003	44.694	0.0	44.806	-0.002	57.122	0.004	57.177	0.004	57.218	0.004	57.285	0.005
44.847	-0.001	44.930	-0.003	44.963	0.001	45.022	-0.002	57.344	0.001	57.443	-0.005	57.476	-0.004	57.564	0.0
45.072	0.001	45.146	0.001	45.190	0.004	45.237	0.005	57.610	0.001	57.678	0.004	57.774	-0.004	57.839	0.004
45.249	0.008	45.284	0.012	45.338	0.009	45.388	0.008	57.898	0.004	57.918	-0.005	57.965	0.0	58.071	-0.003
45.577	0.004	45.618	0.001	45.668	0.004	45.727	0.007	58.132	0.0	58.167	-0.003	58.217	-0.003	58.255	0.0
45.765	0.010	45.792	0.011	45.827	0.012	45.871	0.013	58.308	-0.001	58.390	-0.003	58.437	-0.005	58.525	-0.001
45.919	0.012	45.969	0.012	46.001	0.010	46.046	0.009	58.563	-0.003	58.660	-0.010	58.757	-0.001	58.825	-0.003
46.075	0.010	46.140	0.004	46.181	0.004	46.235	0.005	58.913	-0.001	59.033	0.004	59.083	0.004	59.186	-0.004
46.252	0.006	46.294	0.002	46.345	-0.002	46.380	-0.009	59.263	-0.001	59.362	-0.005	59.439	0.002	59.527	-0.002
46.443	-0.013	46.491	-0.010	46.544	-0.010	46.618	-0.009	59.603	-0.003	59.659	-0.006	59.779	-0.007	59.922	-0.003
46.666	-0.006	46.725	0.001	46.784	0.008	46.820	0.009	60.010	-0.005	60.116	-0.002	60.206	-0.007	60.334	-0.005
46.873	0.008	46.920	0.008	46.982	0.008	47.035	0.012	60.408	-0.008	60.514	-0.005	60.600	-0.001	60.663	0.003
47.085	0.012	47.111	0.006	47.138	0.006	47.173	0.006	60.746	-0.001	60.826	-0.004	60.891	-0.007	60.950	-0.007
47.214	0.006	47.255	0.005	47.311	0.004	47.352	0.004	61.001	-0.004	61.087	-0.009	61.146	-0.004	61.252	-0.003
47.392	0.003	47.457	0.005	47.486	0.005	47.544	0.005	61.308	-0.001	61.402	0.002	61.449	0.0	61.546	0.005
47.614	0.003	47.644	0.003	47.708	0.0	47.734	0.004	61.622	-0.005	61.719	0.010	61.775	0.010	61.825	0.010
47.772	0.003	47.805	0.003	47.852	0.004	47.884	0.003	61.881	0.009	61.970	0.007	62.011	0.006	62.067	0.010
47.922	0.005	48.022	0.006	48.055	0.005	48.096	0.005	62.127	0.009	62.171	0.008	62.251	0.002	62.322	0.0
48.149	0.004	48.178	0.005	48.220	0.007	48.264	0.004	62.405	0.004	62.464	0.001	62.586	0.005	62.634	0.006
48.296	0.005	48.328	0.002	48.375	0.003	48.425	0.005	62.761	0.001	62.832	0.007	62.891	0.006	62.961	0.006
48.466	0.002	48.490	-0.002	48.534	-0.003	48.584	-0.002	63.094	-0.002	63.159	0.0	63.257	0.0	63.367	0.0
48.625	0.001	48.681	0.002	48.737	0.003	48.793	0.002	63.411	0.009	63.545	0.006	63.640	0.003	63.752	-0.001
48.843	0.0	48.888	0.001	48.935	0.002	48.986	0.002	63.882	0.002	63.956	0.006	64.069	0.003	64.202	0.010
49.042	0.0	49.116	0.0	49.208	0.003	49.268	0.005	64.287	0.007	64.343	0.002	64.472	0.003	64.566	-0.010
49.313	0.007	49.340	0.005	49.370	0.0	49.412	0.003	64.686	-0.004	64.759	-0.005	64.848	-0.003	64.919	0.002
49.472	-0.001	49.514	0.0	49.544	-0.002	49.577	-0.001	64.990	0.006	65.064	0.003	65.096	0.003	65.176	0.003
49.616	-0.003	49.670	-0.006	49.709	-0.004	49.736	-0.003	65.238	0.002	65.318	0.005	65.383	-0.001	65.477	0.002
49.772	-0.004	49.807	0.0	49.840	0.0	49.908	-0.003	65.560	-0.005	65.666	-0.003	65.762	-0.005	65.812	-0.003
49.959	-0.004	49.995	-0.003	50.066	-0.002	50.116	-0.001	65.911	0.005	65.970	0.003	66.069	0.009	66.171	-0.004
50.182	0.004	50.238	0.007	50.294	0.005	50.343	0.007	66.253	-0.003	66.379	-0.001	66.461	-0.002	66.482	0.002
50.440	0.008	50.496	0.011	50.549	0.012	50.604	0.013	66.543	0.0	66.590	-0.002	66.611	-0.002		
50.648	0.013	50.742	0.010	50.798	0.013	50.848	0.009								

41.004. 11/14/41 0042 PST, PUBLIC UTILITIES BLDG., LONG BEACH, CAL. UP

1340 PCINTS 66.649 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERC MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ACCRECTION, IS 0.0154 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.037	0.053	0.044	0.086	0.012	0.113	-0.014	4.226	-0.009	4.267	0.027	4.300	-0.007	4.321	-0.025				
0.133	-0.039	0.157	-0.063	0.187	-0.028	0.207	-0.005	4.363	-0.017	4.383	0.005	4.416	0.025	4.467	0.023				
0.234	0.009	0.249	0.015	0.276	-0.013	0.291	-0.040	4.491	0.011	4.514	-0.006	4.544	-0.027	4.580	-0.032				
0.308	-0.065	0.335	-0.005	0.347	0.047	0.368	0.085	4.607	-0.015	4.648	-0.033	4.681	-0.008	4.717	0.024				
0.392	0.052	0.406	0.018	0.433	0.009	0.463	0.021	4.755	-0.006	4.779	0.004	4.823	-0.004	4.844	-0.013				
0.487	-0.016	0.528	-0.042	0.564	-0.051	0.582	-0.062	4.897	0.016	4.941	0.040	4.968	0.020	4.980	0.004				
0.608	-0.023	0.626	0.037	0.653	0.098	0.671	0.048	5.000	-0.009	5.053	-0.029	5.083	-0.015	5.130	0.002				
0.689	0.023	0.718	0.013	0.754	-0.005	0.787	0.014	5.166	-0.006	5.183	-0.010	5.222	-0.003	5.257	-0.017				
0.807	-0.019	0.843	-0.087	0.867	-0.043	0.900	0.005	5.298	-0.035	5.333	-0.020	5.354	-0.012	5.380	0.024				
0.926	-0.029	0.947	-0.038	0.977	-0.041	0.998	-0.047	5.415	0.045	5.430	0.059	5.462	0.030	5.480	0.008				
1.024	0.014	1.057	0.102	1.081	0.033	1.099	-0.052	5.498	-0.007	5.542	-0.018	5.565	-0.005	5.595	0.005				
1.122	0.082	1.158	0.027	1.176	0.030	1.194	0.086	5.621	-0.020	5.639	-0.050	5.686	-0.062	5.718	0.026				
1.229	0.013	1.250	0.007	1.271	0.014	1.298	0.017	5.741	0.010	5.765	0.034	5.800	0.057	5.829	0.018				
1.321	0.039	1.342	-0.010	1.375	-0.065	1.407	-0.034	5.856	-0.019	5.870	-0.026	5.900	-0.042	5.929	0.033				
1.428	-0.011	1.467	-0.013	1.487	-0.043	1.508	-0.061	5.979	-0.022	6.002	0.027	6.029	0.059	6.049	0.076				
1.538	0.038	1.562	0.056	1.591	0.019	1.615	-0.048	6.082	0.022	6.102	0.009	6.120	-0.025	6.152	-0.036				
1.630	-0.042	1.654	-0.004	1.671	0.030	1.689	0.048	6.172	-0.015	6.199	0.038	6.228	0.042	6.266	0.035				
1.716	0.027	1.736	0.016	1.763	0.026	1.793	0.0	6.290	0.021	6.304	0.005	6.339	-0.021	6.366	-0.010				
1.819	-0.032	1.843	-0.068	1.866	-0.044	1.891	-0.008	6.410	0.001	6.442	-0.018	6.477	-0.033	6.509	0.005				
1.922	-0.027	1.946	0.017	1.972	0.057	1.999	0.026	6.541	0.022	6.547	0.036	6.582	0.022	6.618	0.034				
2.043	-0.010	2.076	0.009	2.105	0.017	2.135	0.004	6.650	0.016	6.676	-0.005	6.688	-0.031	6.700	-0.038				
2.149	-0.022	2.176	0.012	2.208	0.068	2.235	0.031	6.735	-0.050	6.761	-0.054	6.797	-0.033	6.820	-0.005				
2.267	-0.012	2.294	0.014	2.332	-0.026	2.359	-0.027	6.855	0.023	6.888	0.006	6.899	-0.035	6.914	-0.065				
2.376	-0.005	2.403	0.023	2.447	0.021	2.494	0.012	6.937	-0.089	6.973	-0.051	6.984	-0.011	6.996	0.031				
2.515	-0.002	2.556	0.031	2.580	0.011	2.594	-0.003	7.017	0.070	7.046	0.078	7.070	0.046	7.099	0.015				
2.624	-0.010	2.636	-0.030	2.665	-0.060	2.689	-0.009	7.117	-0.019	7.152	-0.023	7.175	0.026	7.199	0.029				
2.703	0.031	2.724	0.050	2.742	0.009	2.753	-0.028	7.222	0.049	7.264	0.035	7.278	0.016	7.296	0.0				
2.894	-0.018	2.915	-0.043	2.947	-0.058	2.974	-0.027	7.314	-0.020	7.328	-0.036	7.364	-0.051	7.399	-0.036				
3.006	0.001	3.036	0.006	3.056	0.021	3.080	0.040	7.429	-0.014	7.440	0.012	7.476	0.017	7.502	-0.002				
3.112	0.014	3.136	-0.006	3.183	-0.034	3.233	0.003	7.517	-0.021	7.541	-0.046	7.567	-0.058	7.594	-0.040				
3.265	-0.029	3.318	-0.002	3.345	-0.020	3.374	0.015	7.620	-0.019	7.644	0.002	7.667	0.014	7.700	0.001				
3.401	0.016	3.422	0.004	3.448	0.028	3.472	0.051	7.720	-0.011	7.746	0.007	7.782	0.022	7.820	0.002				
3.501	0.026	3.516	0.001	3.548	-0.024	3.584	0.0	7.849	-0.022	7.878	-0.003	7.910	0.019	7.937	0.031				
3.610	0.035	3.640	0.045	3.658	0.012	3.669	-0.006	7.984	0.032	8.028	0.030	8.054	0.024	8.080	0.018				
3.705	-0.033	3.729	-0.007	3.767	0.017	3.788	-0.001	8.098	0.022	8.121	0.029	8.159	0.041	8.185	0.023				
3.812	-0.018	3.851	-0.002	3.892	0.007	3.922	-0.030	8.209	0.008	8.242	-0.008	8.242	-0.029	8.268	-0.050				
3.931	-0.056	3.946	-0.073	3.964	-0.097	4.000	-0.042	8.303	-0.060	8.344	-0.046	8.394	-0.025	8.427	-0.024				
4.011	-0.007	4.023	0.041	4.047	0.075	4.071	0.026	8.465	-0.024	8.489	-0.016	8.527	-0.015	8.556	-0.028				
4.098	-0.012	4.133	-0.031	4.169	-0.038	4.196	-0.024	8.586	-0.043	8.615	-0.049	8.650	-0.032	8.686	-0.011				
								8.724	0.011	8.748	0.005	8.781	-0.011	8.817	-0.005				

8.852	0.005	8.885	0.023	8.912	0.029	8.933	0.013	17.386	-0.008	17.468	-0.009	*17.504	-0.012	17.554	-0.007
8.860	0.0	9.007	-0.013	9.046	0.010	9.091	0.048	17.593	-0.005	17.631	-0.007	17.678	-0.010	17.731	-0.005
9.112	0.061	9.156	0.037	9.180	0.011	9.207	-0.004	17.784	-0.002	17.819	0.004	17.851	0.015	17.907	0.020
9.257	-0.026	9.290	-0.017	9.319	0.005	9.349	0.004	17.986	-0.025	18.015	0.021	18.041	0.019	18.065	0.015
9.402	-0.020	9.405	-0.022	9.426	-0.033	9.452	-0.019	18.132	0.008	18.194	0.007	18.279	0.005	18.347	0.007
9.482	-0.003	9.517	0.015	9.532	0.028	9.562	0.038	18.418	-0.005	18.483	0.005	18.542	0.003	18.619	0.003
9.579	0.028	9.618	0.022	9.638	0.039	9.689	0.039	18.672	0.013	18.717	0.020	18.765	0.025	18.833	0.021
9.726	0.044	9.764	0.036	9.767	0.032	9.805	0.027	18.875	0.015	18.908	0.006	18.956	-0.001	19.045	-0.010
9.865	0.021	9.909	0.017	9.938	0.011	9.976	0.018	19.108	-0.010	19.156	-0.006	19.200	-0.005	19.260	-0.003
10.013	0.022	10.054	0.007	10.083	-0.007	10.112	-0.016	19.328	-0.006	19.372	-0.008	19.423	-0.013	19.500	0.019
10.141	-0.015	10.193	-0.007	10.211	0.003	10.249	0.015	19.550	-0.022	19.618	-0.027	19.677	-0.018	19.722	-0.010
10.284	0.022	10.323	0.007	10.337	-0.010	10.352	-0.021	19.751	0.0	19.784	0.0	19.867	0.0	19.902	-0.008
10.393	-0.030	10.396	-0.041	10.432	-0.028	10.458	-0.022	19.944	-0.007	19.956	-0.007	19.997	-0.004	20.044	-0.006
10.479	-0.032	10.502	-0.035	10.526	-0.051	10.558	-0.052	20.083	-0.007	20.130	-0.007	20.186	-0.009	20.216	-0.014
10.582	-0.043	10.599	-0.031	10.617	-0.018	10.644	-0.007	20.240	-0.020	20.276	-0.023	20.318	-0.025	20.366	-0.027
10.576	0.0	10.703	-0.006	10.748	-0.007	10.796	0.002	20.393	-0.027	20.435	-0.023	20.488	-0.019	20.527	-0.015
10.820	0.008	10.868	0.017	10.902	0.017	10.941	0.020	20.584	-0.016	20.635	-0.015	20.682	-0.013	20.715	-0.012
10.980	0.030	11.016	0.045	11.025	0.045	11.055	0.029	20.797	-0.010	20.839	-0.004	20.884	0.016	20.944	0.025
11.088	0.016	11.105	0.004	11.133	-0.004	11.176	0.009	20.983	-0.024	21.007	0.021	21.067	0.019	21.109	0.019
11.208	0.008	11.241	0.022	11.255	0.025	11.287	0.012	21.185	0.019	21.248	0.021	21.289	0.022	21.340	0.021
11.305	0.001	11.334	-0.007	11.387	-0.017	11.416	-0.009	21.361	0.013	21.397	0.005	21.424	0.0	21.457	-0.004
11.466	0.007	11.487	-0.006	11.513	-0.015	11.551	-0.023	21.493	-0.010	21.520	-0.015	21.564	-0.016	21.633	-0.019
11.577	-0.020	11.607	-0.020	11.648	-0.028	11.671	-0.031	21.654	-0.015	21.708	-0.010	21.738	-0.006	21.824	0.002
11.720	-0.044	11.746	-0.039	11.781	-0.030	11.827	-0.021	21.862	0.0	21.925	-0.003	21.975	-0.007	21.978	0.009
11.884	-0.019	11.919	-0.018	11.988	-0.018	12.011	-0.004	22.020	-0.011	22.085	-0.011	22.154	-0.009	22.222	-0.004
12.048	0.008	12.089	0.028	12.138	0.018	12.181	0.015	22.258	0.001	22.306	0.009	22.393	0.011	22.432	0.014
12.227	0.021	12.274	0.022	12.324	0.013	12.338	0.007	22.486	0.020	22.528	0.020	22.572	0.016	22.620	0.009
12.394	0.006	12.435	0.010	12.488	0.010	12.537	0.007	22.683	0.007	22.755	0.006	22.826	0.003	22.898	-0.003
12.570	0.006	12.616	0.0	12.637	-0.004	12.686	-0.016	22.942	-0.005	22.996	-0.005	23.049	-0.004	23.079	-0.002
12.737	-0.011	12.771	-0.018	12.804	-0.023	12.845	-0.025	23.118	0.001	23.165	-0.003	23.228	-0.007	23.308	-0.009
12.894	-0.025	12.935	-0.023	12.985	-0.018	13.011	-0.011	23.346	-0.010	23.405	-0.007	23.447	-0.002	23.494	0.003
13.041	-0.003	13.076	0.002	13.123	0.002	13.155	0.009	23.565	0.003	23.621	0.001	23.683	0.005	23.710	0.007
13.178	0.020	13.211	0.033	13.257	0.044	13.295	0.037	23.764	0.012	23.815	0.008	23.865	0.004	23.904	-0.001
13.322	0.022	13.354	0.014	13.366	0.003	13.404	-0.009	23.949	-0.006	23.988	-0.013	24.018	-0.019	24.071	-0.024
13.442	-0.020	13.503	-0.012	13.541	-0.006	13.585	0.0	24.104	-0.027	24.155	-0.027	24.209	-0.032	24.250	-0.033
13.620	0.003	13.675	0.0	13.705	-0.006	13.743	-0.010	24.313	-0.026	24.366	-0.015	24.390	-0.008	24.455	-0.004
13.787	0.0	13.822	0.015	13.854	0.024	13.881	0.034	24.488	0.0	24.530	0.003	24.568	0.005	24.616	0.003
13.907	0.036	13.954	0.030	13.992	0.028	14.033	0.020	24.690	-0.002	24.723	-0.003	24.743	-0.003	24.794	0.002
14.092	0.019	14.124	0.014	14.155	0.007	14.197	0.003	24.874	0.007	24.925	0.010	24.957	0.009	25.005	0.007
14.233	0.003	14.277	0.003	14.310	-0.005	14.330	-0.014	25.076	0.007	25.130	0.005	25.198	0.004	25.249	0.001
14.360	-0.021	14.410	-0.029	14.460	-0.030	14.486	-0.029	25.273	-0.002	25.326	-0.006	25.377	-0.013	25.469	-0.011
14.525	-0.025	14.575	-0.014	14.620	-0.005	14.643	0.001	25.523	-0.009	25.547	-0.005	25.621	-0.008	25.681	-0.006
14.703	0.005	14.726	0.002	14.765	-0.002	14.813	-0.006	25.729	-0.001	25.773	0.005	25.812	0.009	25.862	0.013
14.851	0.0	14.872	0.004	14.911	0.008	14.959	0.002	25.913	0.017	25.948	0.020	25.996	0.018	26.040	0.014
14.988	0.0	15.036	0.003	15.093	0.008	15.131	0.013	26.079	0.013	26.144	0.008	26.194	0.009	26.257	0.009
15.182	0.018	15.229	0.028	15.289	0.034	15.339	0.030	26.295	0.017	26.351	0.019	26.396	0.026	26.449	0.020
15.380	0.023	15.419	0.014	15.466	0.004	15.499	-0.001	26.503	0.016	26.562	0.010	26.589	0.005	26.636	-0.001
15.529	-0.006	15.582	-0.020	15.594	-0.023	15.611	-0.026	26.707	-0.010	26.768	-0.015	26.833	-0.022	26.897	-0.027
15.683	-0.025	15.730	-0.020	15.759	-0.015	15.841	-0.010	26.964	-0.033	27.011	-0.038	27.096	-0.034	27.137	-0.027
15.903	-0.003	15.999	0.007	16.067	0.019	16.114	0.013	27.195	-0.020	27.294	-0.016	27.318	-0.011	27.382	-0.008
16.149	0.005	16.216	-0.002	16.260	0.002	16.316	-0.008	27.446	0.0	27.447	0.008	27.536	0.011	27.606	0.017
16.336	-0.013	16.383	-0.021	16.442	-0.021	16.495	-0.021	27.697	0.015	27.726	0.011	27.785	0.007	27.862	0.001
16.591	-0.022	16.615	-0.023	16.676	-0.022	16.779	-0.024	27.930	-0.004	27.972	-0.008	27.998	-0.013	28.087	-0.015
16.883	-0.013	16.922	-0.005	16.957	-0.001	16.990	0.006	28.146	-0.014	28.218	-0.009	28.286	-0.005	28.348	-0.001
17.034	0.012	17.081	0.017	17.123	0.012	17.158	0.010	28.387	0.001	28.444	-0.001	28.506	-0.003	28.581	-0.007
17.206	0.012	17.259	0.008	17.303	0.002	17.341	-0.004	28.628	-0.005	28.715	-0.005	28.768	-0.003	28.819	-0.005

28.893	0.0	28.920	0.002	28.962	0.007	29.024	0.003	42.197	0.002	42.274	0.0	42.324	0.001	42.386	0.003
29.069	0.007	29.104	0.009	29.170	0.010	29.229	0.014	42.460	0.003	42.540	0.0	42.635	-0.005	42.664	-0.002
29.256	0.015	29.312	0.019	29.354	0.022	29.404	0.019	42.750	-0.002	42.836	-0.007	42.898	-0.003	42.957	-0.003
29.467	0.020	29.517	0.021	29.585	0.019	29.642	0.014	42.995	0.0	43.048	-0.001	43.113	0.0	43.169	0.005
29.671	0.012	29.728	0.006	29.793	-0.001	29.846	-0.009	43.214	0.0	43.249	0.003	43.308	0.006	43.370	0.002
29.938	-0.016	29.947	-0.020	30.024	-0.022	30.077	-0.022	43.444	0.0	43.509	0.0	43.568	0.001	43.642	0.001
30.130	-0.001	30.192	-0.016	30.260	-0.011	30.322	-0.002	43.744	0.001	43.835	-0.004	43.880	-0.002	43.949	-0.002
30.378	-0.001	30.442	-0.002	30.495	-0.002	30.560	0.003	44.014	0.0	44.089	0.0	44.157	-0.004	44.217	-0.007
30.616	0.001	30.678	0.0	30.730	-0.001	30.803	0.003	44.273	-0.004	44.412	-0.004	44.492	0.003	44.546	0.005
30.829	0.0	30.876	-0.002	30.931	-0.003	30.990	-0.002	44.631	0.007	44.661	0.007	44.732	0.0	44.815	-0.005
31.036	-0.005	31.071	-0.006	31.156	-0.006	31.226	-0.006	44.814	-0.009	44.924	-0.009	44.995	-0.007	45.093	-0.007
31.320	-0.002	31.408	0.0	31.485	-0.002	31.588	0.001	45.181	-0.002	45.249	0.001	45.340	-0.002	45.399	-0.002
31.667	0.003	31.732	0.001	31.810	-0.001	31.867	0.005	45.491	-0.005	45.553	-0.006	45.653	-0.013	45.742	-0.015
31.935	0.004	32.075	0.009	32.075	0.009	32.150	0.010	45.801	-0.014	45.880	-0.008	45.954	-0.011	46.045	-0.007
32.230	0.011	32.301	0.011	32.399	0.011	32.456	0.015	46.096	-0.004	46.166	-0.003	46.235	-0.004	46.318	-0.001
32.512	0.012	32.580	0.007	32.631	0.004	32.699	-0.002	46.392	-0.002	46.485	-0.005	46.544	-0.001	46.625	-0.003
32.767	-0.004	32.823	-0.008	32.882	-0.006	32.976	-0.009	46.678	-0.003	46.770	-0.008	46.840	-0.005	46.908	-0.004
33.044	-0.009	33.103	-0.007	33.203	-0.009	33.218	-0.009	46.952	-0.002	47.020	0.0	47.126	-0.004	47.211	-0.002
33.294	-0.010	33.359	-0.004	33.412	-0.001	33.486	-0.003	47.284	-0.001	47.357	-0.005	47.451	-0.011	47.506	0.002
33.530	-0.006	33.589	-0.009	33.636	-0.013	33.694	-0.016	47.594	-0.006	47.635	0.0	47.716	0.002	47.834	0.002
33.768	-0.013	33.823	-0.008	33.897	0.0	33.929	0.006	47.869	0.003	47.925	0.003	47.981	0.006	48.046	0.003
33.973	0.014	34.029	0.020	34.084	0.026	34.149	0.030	48.091	0.0	48.131	-0.003	48.193	-0.002	48.272	-0.006
34.187	0.033	34.237	0.030	34.293	0.018	34.360	0.008	48.340	-0.006	48.431	-0.004	48.493	0.002	48.575	0.007
34.422	0.003	34.472	-0.004	34.525	-0.009	34.587	-0.013	48.680	0.005	48.766	0.005	48.837	0.005	48.885	0.002
34.657	-0.011	34.736	-0.013	34.807	-0.011	34.904	-0.010	48.968	-0.001	49.042	0.0	49.125	-0.003	49.193	-0.001
35.022	-0.001	35.069	0.006	35.149	0.004	35.205	0.002	49.259	-0.006	49.328	-0.005	49.403	-0.003	49.472	0.0
35.278	-0.002	35.361	-0.005	35.426	-0.001	35.508	-0.003	49.532	0.001	49.613	0.001	49.673	0.003	49.736	0.005
35.585	-0.003	35.644	0.0	35.738	-0.002	35.788	0.0	49.787	0.005	49.852	0.006	49.938	0.003	49.974	0.005
35.878	-0.003	35.937	-0.004	36.044	-0.001	36.046	0.0	50.027	-0.004	50.078	0.005	50.140	-0.005	50.205	-0.001
36.084	-0.004	36.157	-0.006	36.198	0.004	36.266	-0.006	50.244	-0.002	50.305	-0.005	50.381	-0.005	50.449	-0.003
36.324	-0.001	36.354	-0.002	36.415	-0.006	36.459	-0.006	50.513	-0.003	50.593	-0.001	50.645	0.002	50.692	0.005
36.503	-0.008	36.588	-0.012	36.623	-0.008	36.700	-0.009	50.760	0.006	50.816	0.001	50.860	0.002	50.904	0.004
36.738	-0.004	36.788	-0.007	36.846	-0.001	36.882	0.003	50.966	0.001	51.030	0.001	51.083	0.001	51.122	0.002
36.958	-0.003	36.996	-0.001	37.037	0.003	37.099	0.002	51.201	0.0	51.204	0.001	51.275	0.0	51.338	-0.001
37.134	0.003	37.193	-0.003	37.234	-0.002	37.301	-0.006	51.397	0.001	51.486	0.001	51.551	0.001	51.637	0.003
37.340	-0.001	37.398	-0.002	37.457	-0.002	37.516	-0.001	51.706	0.002	51.765	0.001	51.786	0.006	51.863	0.004
37.592	-0.002	37.668	0.002	37.733	0.005	37.797	0.006	51.960	0.002	51.993	0.002	52.064	0.002	52.135	0.006
37.882	0.007	37.947	0.006	38.017	0.007	38.067	0.010	52.203	0.004	52.254	-0.001	52.334	-0.004	52.399	-0.005
38.108	0.006	38.158	0.002	38.208	-0.001	38.260	-0.004	52.444	-0.004	52.515	-0.001	52.581	0.001	52.640	0.006
38.310	-0.004	38.365	-0.002	38.442	-0.001	38.532	0.0	52.706	0.007	52.738	0.006	52.825	0.003	52.876	0.005
38.567	-0.003	38.594	-0.004	38.637	-0.004	38.708	-0.006	52.959	0.001	53.036	0.004	53.111	0.007	53.162	0.004
38.766	-0.006	38.807	-0.008	38.828	-0.003	38.927	-0.005	53.209	0.002	53.239	0.002	53.330	0.0	53.395	0.002
38.974	-0.002	39.047	-0.003	39.118	0.0	39.156	0.003	53.498	0.003	53.545	0.004	53.610	0.004	53.690	0.004
39.250	-0.001	39.291	-0.001	39.351	0.0	39.398	-0.003	53.749	0.005	53.817	0.007	53.879	0.004	53.926	0.004
39.439	0.0	39.516	-0.004	39.564	-0.002	39.629	-0.003	54.011	0.006	54.052	0.005	54.102	0.004	54.144	0.006
39.682	-0.007	39.709	-0.007	39.792	-0.008	39.851	-0.007	54.229	0.004	54.294	0.009	54.362	0.006	54.433	0.010
39.901	-0.003	39.946	-0.001	39.979	0.002	40.044	-0.002	54.536	0.007	54.619	0.008	54.717	0.005	54.776	0.011
40.088	-0.001	40.121	0.003	40.180	0.003	40.228	0.006	54.862	0.008	54.944	0.007	55.012	0.004	55.083	0.006
40.281	0.009	40.337	0.012	40.405	0.009	40.453	0.007	55.154	0.007	55.220	0.011	55.282	0.008	55.353	0.003
40.494	0.002	40.574	-0.003	40.636	-0.006	40.692	-0.007	55.424	-0.004	55.492	0.002	55.581	0.002	55.649	0.003
40.731	-0.009	40.790	-0.007	40.862	-0.011	40.927	-0.010	55.688	0.001	55.750	0.003	55.803	0.006	55.874	0.006
40.987	-0.009	41.073	-0.005	41.106	-0.001	41.195	-0.001	55.939	0.007	56.007	0.004	56.034	0.008	56.078	0.008
41.264	0.0	41.326	0.001	41.383	-0.001	41.427	0.002	56.137	0.007	56.205	0.005	56.276	0.005	56.341	0.008
41.481	0.002	41.552	0.0	41.621	-0.005	41.680	-0.004	56.395	0.008	56.484	0.003	56.543	0.003	56.608	0.003
41.728	0.001	41.787	-0.004	41.831	-0.006	41.925	-0.006	56.713	0.002	56.737	0.009	56.804	0.007	56.880	0.006
41.996	-0.001	42.046	0.001	42.111	0.002	42.167	0.001	56.932	0.009	56.993	0.008	57.005	0.010	57.084	0.007

57.145	0.007	57.200	0.007	57.271	0.006	57.300	0.010
57.379	0.007	57.455	0.007	57.493	0.007	57.546	0.011
57.581	0.012	57.645	0.003	57.686	0.003	57.754	0.002
57.801	0.001	57.889	0.001	57.898	0.004	57.977	0.002
58.041	0.009	58.106	0.005	58.176	0.005	58.246	0.004
58.302	0.005	58.370	0.007	58.437	0.008	58.472	0.007
58.572	0.008	58.642	0.006	58.695	0.006	58.742	0.006
58.798	0.006	58.863	-0.001	58.930	0.0	58.989	0.001
59.042	0.001	59.083	0.007	59.160	0.004	59.210	0.005
59.254	0.002	59.324	0.003	59.368	0.005	59.459	0.003
59.535	0.002	59.617	0.010	59.679	0.011	59.749	0.011
59.831	0.006	59.957	-0.001	60.069	0.002	60.171	0.006
60.254	0.007	60.325	0.006	60.405	-0.002	60.500	0.002
60.547	0.001	60.583	0.006	60.692	0.003	60.743	-0.001
60.805	0.001	60.897	0.003	60.974	0.005	61.084	0.0
61.179	0.006	61.270	0.005	61.343	0.005	61.425	0.008
61.456	0.007	61.569	0.007	61.639	0.007	61.728	0.008
61.825	0.006	61.875	0.004	61.949	0.004	62.050	0.002
62.129	-0.001	62.191	0.005	62.289	-0.001	62.381	-0.001
62.464	0.002	62.562	0.001	62.637	0.001	62.737	0.008
62.832	0.008	62.891	0.008	62.985	0.006	63.006	0.007
63.121	0.001	63.194	0.006	63.269	0.003	63.384	-0.004
63.467	-0.003	63.586	0.007	63.687	0.003	63.805	0.005
63.903	0.006	63.992	0.003	64.125	0.0	64.231	0.005
64.310	0.004	64.436	-0.003	64.533	-0.001	64.650	0.006
64.733	0.005	64.813	0.006	64.922	-0.001	64.978	0.006
65.135	0.001	65.241	0.002	65.382	-0.002	65.495	0.001
65.604	0.006	65.701	0.001	65.844	0.004	65.879	0.0
65.937	0.006	66.028	0.004	66.118	0.003	66.194	0.002
66.259	0.003	66.344	0.004	66.411	0.004	66.484	0.004
66.546	0.003	66.587	0.003	66.613	0.006	66.649	0.005

41.005. 11/14/41 0 42PST CHAMBER OF COMMERCE, BSMT., LOS ANGELES, CAL. S50E

2424 POINTS 62.021 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0194 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.049	0.021	-0.025	0.048	0.010	0.069	0.015	2.678	-0.034	2.697	-0.018	2.713	-0.003	2.732	0.013
0.0085	0.008	0.104	-0.007	0.120	-0.031	0.139	-0.043	2.746	0.028	2.768	0.034	2.784	0.029	2.795	0.009
0.157	-0.043	0.174	-0.045	0.195	-0.048	0.206	-0.053	2.806	-0.007	2.819	-0.024	2.838	-0.036	2.855	-0.029
0.217	-0.056	0.233	-0.053	0.241	-0.048	0.256	0.082	2.874	-0.021	2.898	-0.016	2.914	-0.013	2.931	-0.012
0.325	0.091	0.333	0.095	0.344	0.089	0.357	0.070	2.939	-0.007	2.969	0.010	2.985	-0.019	2.998	0.023
0.387	-0.001	0.401	-0.008	0.419	-0.011	0.436	-0.005	3.007	0.016	3.015	0.007	3.034	-0.009	3.047	-0.016
0.465	0.001	0.484	0.006	0.498	0.013	0.517	0.019	3.061	-0.011	3.072	0.001	3.088	0.016	3.104	0.018
0.530	0.025	0.541	0.030	0.554	0.037	0.573	0.045	3.115	-0.012	3.131	-0.001	3.140	-0.009	3.148	-0.016
0.592	0.051	0.606	0.055	0.619	0.059	0.636	0.060	3.158	-0.016	3.169	-0.010	3.182	0.011	3.190	0.010
0.649	0.054	0.668	0.041	0.681	0.024	0.692	0.014	3.203	0.034	3.216	0.051	3.229	0.053	3.237	0.048
0.703	0.002	0.714	-0.006	0.727	-0.015	0.738	-0.026	3.250	0.032	3.261	0.014	3.274	-0.007	3.290	-0.021
0.754	-0.034	0.765	-0.038	0.778	-0.038	0.794	-0.033	3.308	-0.034	3.322	-0.036	3.335	-0.036	3.353	-0.031
0.819	-0.029	0.840	-0.027	0.862	-0.028	0.872	-0.025	3.366	-0.021	3.377	-0.003	3.388	0.010	3.403	0.012
0.894	-0.013	0.907	-0.001	0.926	0.005	0.951	0.010	3.416	0.008	3.430	0.002	3.440	-0.004	3.451	-0.013
0.972	0.014	0.994	0.018	1.012	0.020	1.026	0.015	3.461	-0.016	3.474	-0.014	3.496	-0.007	3.517	-0.001
1.037	-0.002	1.055	-0.028	1.066	-0.030	1.080	-0.022	3.546	0.001	3.556	0.005	3.572	0.007	3.588	0.009
1.1090	-0.003	1.109	0.005	1.115	0.006	1.125	0.001	3.606	0.015	3.619	0.019	3.633	0.027	3.646	0.035
1.134	-0.011	1.158	-0.048	1.177	-0.050	1.187	-0.048	3.659	-0.041	3.675	-0.044	3.683	0.043	3.693	-0.016
1.206	-0.039	1.222	-0.028	1.244	-0.018	1.260	-0.009	3.701	0.030	3.712	0.009	3.722	-0.002	3.733	0.037
1.276	-0.001	1.295	0.005	1.306	0.013	1.320	0.021	3.749	-0.035	3.759	-0.052	3.770	-0.066	3.780	-0.082
1.336	0.026	1.349	0.032	1.365	0.037	1.381	0.039	3.793	-0.088	3.807	-0.090	3.823	-0.083	3.838	-0.045
1.352	0.034	1.411	0.022	1.427	0.005	1.443	-0.012	3.852	-0.010	3.870	0.012	3.886	0.032	3.904	0.048
1.457	-0.019	1.476	-0.019	1.492	-0.019	1.508	-0.024	3.915	0.079	3.933	0.083	3.954	0.075	3.978	0.059
1.530	-0.032	1.543	-0.039	1.562	-0.041	1.578	-0.034	3.991	-0.041	4.012	-0.030	4.028	0.018	4.044	0.004
1.594	-0.026	1.611	-0.019												

5.404	0.039	5.425	0.032	5.444	0.019	5.463	0.006	9.301	-0.063	9.323	-0.060	9.333	-0.058	9.346	-0.058
5.487	-0.005	5.511	-0.013	5.532	-0.018	5.561	-0.016	9.360	-0.061	9.376	-0.066	9.389	-0.071	9.402	-0.078
5.575	-0.011	5.591	0.005	5.604	0.018	5.626	0.023	9.413	-0.084	9.429	-0.084	9.442	-0.079	9.460	-0.067
5.639	0.020	5.658	0.007	5.676	-0.005	5.692	-0.016	9.474	-0.054	9.484	0.036	9.495	-0.025	9.500	-0.012
5.708	-0.027	5.721	-0.036	5.736	-0.043	5.760	-0.045	9.511	0.006	9.519	0.036	9.529	0.035	9.542	0.045
5.773	-0.044	5.794	-0.044	5.813	-0.044	5.826	-0.042	9.556	0.057	9.566	0.075	9.579	0.081	9.598	0.083
5.844	-0.031	5.860	-0.007	5.873	0.017	5.889	0.034	9.611	0.076	9.625	0.063	9.643	0.041	9.662	0.031
5.910	0.060	5.926	0.066	5.947	0.065	5.965	0.063	9.675	0.025	9.693	0.030	9.709	0.032	9.733	0.034
5.986	0.061	6.004	0.062	6.028	0.065	6.057	0.067	9.757	0.038	9.778	0.035	9.802	0.030	9.818	0.024
6.075	0.062	6.096	0.048	6.107	0.024	6.125	0.009	9.834	0.013	9.842	-0.003	9.855	-0.019	9.865	-0.037
6.149	0.0	6.165	-0.007	6.184	-0.014	6.205	-0.015	9.879	-0.050	9.889	-0.059	9.908	-0.061	9.929	-0.056
6.231	-0.013	6.261	-0.010	6.282	-0.011	6.303	-0.015	9.948	-0.050	9.964	-0.046	9.982	-0.041	9.995	-0.038
6.333	-0.017	6.362	-0.016	6.388	-0.017	6.410	-0.015	10.006	-0.033	10.022	-0.029	10.043	-0.025	10.056	-0.025
6.431	-0.008	6.450	-0.003	6.463	0.005	6.487	0.009	10.072	-0.029	10.085	-0.033	10.099	-0.038	10.115	-0.040
6.513	0.011	6.532	0.010	6.548	0.011	6.569	0.011	10.136	-0.046	10.149	-0.047	10.170	-0.046	10.184	-0.042
6.591	0.007	6.604	-0.001	6.620	-0.018	6.630	-0.036	10.197	-0.035	10.213	-0.024	10.219	-0.012	10.229	-0.003
6.641	-0.054	6.652	-0.070	6.673	-0.074	6.692	-0.064	10.243	0.010	10.259	0.025	10.269	0.035	10.280	0.040
6.711	-0.041	6.732	-0.018	6.749	0.007	6.773	0.030	10.299	0.042	10.312	0.035	10.328	0.022	10.342	0.002
6.794	0.038	6.813	0.043	6.835	0.042	6.854	0.035	10.352	-0.014	10.371	-0.027	10.390	-0.027	10.408	-0.022
6.870	0.027	6.881	0.016	6.899	-0.011	6.918	-0.022	10.427	-0.011	10.440	0.001	10.462	0.023	10.475	0.033
6.932	-0.023	6.945	-0.019	6.964	-0.014	6.988	-0.012	10.494	0.043	10.513	0.052	10.529	0.054	10.550	0.055
7.007	-0.011	7.023	-0.005	7.042	0.005	7.058	0.009	10.569	0.049	10.590	0.042	10.604	0.033	10.614	0.018
7.077	0.007	7.099	-0.019	7.115	-0.055	7.136	-0.061	10.625	0.003	10.641	-0.009	10.652	-0.016	10.668	-0.016
7.155	-0.050	7.179	-0.040	7.187	-0.040	7.208	-0.053	10.690	-0.010	10.706	0.007	10.719	0.017	10.741	0.023
7.224	-0.065	7.240	-0.053	7.257	-0.020	7.265	-0.012	10.765	-0.026	10.781	0.022	10.797	0.015	10.814	0.003
7.278	0.016	7.294	0.045	7.310	0.051	7.339	0.041	10.827	-0.004	10.849	-0.006	10.878	-0.006	10.895	-0.011
7.355	0.032	7.369	0.023	7.390	-0.008	7.409	-0.037	10.914	-0.024	10.932	-0.040	10.946	-0.047	10.959	-0.044
7.425	-0.044	7.438	-0.038	7.454	-0.026	7.478	-0.015	10.976	-0.038	10.992	-0.026	11.005	-0.003	11.021	0.020
7.510	-0.010	7.529	-0.007	7.542	0.004	7.553	0.021	11.035	0.026	11.051	0.032	11.070	0.030	11.089	0.018
7.566	0.030	7.582	0.033	7.598	0.023	7.609	0.008	11.116	0.006	11.140	-0.004	11.159	-0.004	11.183	-0.001
7.617	-0.016	7.630	-0.047	7.655	-0.082	7.684	-0.094	11.205	0.007	11.229	0.011	11.245	0.015	11.259	0.020
7.705	-0.098	7.716	-0.093	7.732	-0.084	7.745	-0.070	11.277	0.026	11.291	0.031	11.302	0.034	11.318	0.038
7.758	-0.046	7.774	-0.020	7.788	0.002	7.820	0.042	11.337	0.038	11.353	0.032	11.369	0.023	11.382	0.011
7.833	0.057	7.854	0.063	7.876	0.065	7.897	0.065	11.390	0.0	11.401	-0.015	11.414	-0.027	11.428	-0.036
7.916	0.058	7.934	0.048	7.953	0.032	7.966	0.022	11.444	-0.046	11.466	-0.051	11.482	-0.054	11.495	-0.056
7.982	0.019	8.001	0.021	8.020	0.030	8.036	0.041	11.517	-0.056	11.533	-0.052	11.557	-0.047	11.573	-0.042
8.057	0.043	8.070	0.033	8.105	-0.006	8.124	-0.023	11.584	-0.038	11.605	-0.034	11.624	-0.038	11.643	-0.042
8.137	-0.029	8.161	-0.033	8.180	-0.043	8.196	-0.053	11.651	-0.043	11.662	-0.045	11.680	-0.037	11.699	-0.030
8.215	-0.058	8.228	-0.051	8.247	-0.036	8.260	-0.022	11.712	-0.015	11.728	-0.001	11.739	0.011	11.752	0.025
8.282	-0.006	8.290	0.006	8.300	0.027	8.322	0.033	11.774	0.038	11.787	0.045	11.806	0.048	11.827	0.044
8.338	0.040	8.351	0.045	8.365	0.051	8.376	0.056	11.838	0.036	11.857	0.024	11.878	0.015	11.894	0.005
8.389	0.064	8.400	0.067	8.416	0.074	8.429	0.080	11.915	0.003	11.937	0.002	11.963	0.002	11.985	-0.002
8.443	0.084	8.459	0.090	8.477	0.088	8.480	0.075	12.006	-0.008	12.022	-0.013	12.041	-0.021	12.060	-0.026
8.488	0.028	8.496	0.010	8.515	-0.010	8.526	-0.044	12.073	-0.027	12.086	-0.026	12.105	-0.021	12.126	-0.011
8.536	-0.070	8.550	-0.093	8.569	-0.107	8.587	-0.107	12.137	0.0	12.148	0.010	12.158	0.022	12.177	0.030
8.601	-0.093	8.620	-0.085	8.636	-0.076	8.654	-0.069	12.188	0.037	12.201	0.042	12.215	0.042	12.236	0.038
8.668	-0.060	8.684	-0.051	8.697	-0.034	8.716	-0.012	12.255	0.029	12.274	0.021	12.287	0.016	12.303	0.005
8.729	0.003	8.748	0.018	8.761	0.034	8.777	0.044	12.319	-0.003	12.335	-0.011	12.351	-0.012	12.375	-0.024
8.793	0.048	8.809	0.041	8.825	-0.013	8.844	-0.019	12.402	-0.029	12.426	-0.024	12.445	-0.016	12.469	-0.011
8.860	-0.043	8.876	-0.058	8.886	-0.059	8.902	-0.044	12.488	-0.007	12.520	-0.004	12.541	0.0	12.552	0.007
8.918	-0.015	8.934	0.005	8.950	0.029	8.961	0.047	12.576	0.009	12.597	0.012	12.619	0.012	12.640	0.009
8.974	0.066	8.988	0.078	9.001	0.089	9.020	0.096	12.659	0.0	12.675	-0.010	12.694	-0.019	12.707	-0.024
9.033	0.110	9.052	0.121	9.062	0.140	9.073	0.150	12.726	-0.030	12.750	-0.037	12.769	-0.042	12.790	-0.045
9.084	0.154	9.100	0.154	9.113	0.145	9.124	0.144	12.809	-0.044	12.825	-0.038	12.844	-0.029	12.863	-0.020
9.145	0.058	9.179	0.010	9.198	-0.012	9.217	-0.030	12.873	-0.009	12.887	0.0	12.900	0.007	12.916	0.013
9.235	-0.051	9.251	-0.061	9.270	-0.065	9.283	-0.066	12.938	0.015	12.954	0.016	12.972	0.013	12.991	0.006

24.012	-0.002	24.049	-0.002	24.084	0.001	24.113	0.004	30.490	-0.008	30.531	-0.006	30.560	-0.005	30.587	-0.003
24.140	0.005	24.172	0.009	24.203	0.010	24.230	0.009	30.619	-0.002	30.648	0.001	30.686	0.002	30.713	0.001
24.251	0.004	24.277	0.003	24.309	0.005	24.343	0.005	30.740	-0.002	30.751	-0.005	30.792	-0.007	30.835	-0.007
24.383	0.004	24.418	0.002	24.444	-0.003	24.468	-0.008	30.856	-0.007	30.892	-0.003	30.921	0.003	30.951	0.006
24.492	-0.014	24.518	-0.020	24.547	-0.028	24.571	-0.031	30.983	-0.007	31.021	0.006	31.048	0.005	31.065	0.004
24.613	-0.037	24.640	-0.040	24.666	-0.041	24.698	-0.037	31.092	0.003	31.105	0.002	31.127	0.002	31.156	0.003
24.730	-0.032	24.759	-0.028	24.785	-0.024	24.829	-0.020	31.194	0.005	31.221	0.004	31.256	0.003	31.291	0.001
24.860	-0.014	24.890	-0.013	24.924	-0.013	24.967	-0.012	31.329	0.001	31.353	0.001	31.383	0.001	31.405	0.001
24.999	-0.010	25.044	-0.007	25.076	-0.005	25.113	-0.003	31.437	0.0	31.459	-0.001	31.486	-0.003	31.513	-0.005
25.142	-0.001	25.177	0.002	25.212	0.003	25.245	0.0	31.537	-0.007	31.561	-0.008	31.599	-0.009	31.626	-0.009
25.266	0.0	25.296	-0.001	25.309	-0.001	25.333	-0.001	31.656	-0.007	31.677	-0.003	31.699	0.001	31.728	0.001
25.371	0.001	25.398	0.002	25.438	0.006	25.476	0.010	31.761	0.001	31.796	0.002	31.825	0.002	31.863	0.002
25.533	0.013	25.554	0.015	25.592	0.018	25.619	0.019	31.895	0.003	31.927	0.003	31.957	0.001	31.994	0.0
25.638	0.020	25.665	0.021	25.687	0.022	25.711	0.024	32.027	-0.002	32.056	-0.005	32.086	-0.009	32.115	-0.011
25.728	0.021	25.758	0.016	25.799	0.015	25.831	0.011	32.140	-0.013	32.180	-0.013	32.215	-0.013	32.250	-0.013
25.864	0.010	25.891	0.007	25.905	0.007	25.927	0.006	32.272	-0.013	32.305	-0.007	32.337	-0.002	32.370	0.002
26.025	-0.008	26.058	-0.014	26.083	-0.017	26.110	-0.018	32.402	0.005	32.440	0.006	32.472	0.007	32.502	0.007
26.135	-0.017	26.165	-0.015	26.189	-0.012	26.222	-0.009	32.521	0.007	32.554	0.009	32.591	0.007	32.621	0.006
26.257	-0.011	26.290	-0.009	26.331	-0.006	26.361	-0.004	32.643	0.006	32.667	0.007	32.697	0.010	32.727	0.012
26.385	-0.002	26.410	0.001	26.437	0.004	26.473	0.003	32.754	0.013	32.781	0.016	32.810	0.019	32.843	0.019
26.503	0.003	26.535	0.004	26.573	0.005	26.601	0.005	32.878	0.001	32.919	0.009	32.951	0.005	32.983	0.002
26.628	0.004	26.660	0.003	26.690	0.005	26.714	0.006	33.016	0.001	33.048	0.0	33.078	-0.003	33.113	-0.006
26.741	0.006	26.763	0.006	26.793	0.007	26.828	0.007	33.146	-0.009	33.189	-0.013	33.218	-0.017	33.242	-0.022
26.855	0.007	26.876	0.007	26.914	0.007	26.943	0.006	33.269	-0.024	33.307	-0.026	33.347	-0.026	33.382	-0.025
26.976	0.003	27.003	-0.001	27.035	-0.004	27.070	-0.004	33.427	-0.025	33.465	-0.022	33.502	-0.018	33.534	-0.016
27.100	-0.005	27.129	-0.003	27.154	-0.001	27.183	0.001	33.564	-0.013	33.596	-0.011	33.636	-0.009	33.669	-0.006
27.205	0.001	27.224	-0.003	27.248	-0.008	27.275	-0.014	33.693	-0.004	33.728	-0.002	33.755	0.001	33.787	0.004
27.301	-0.018	27.326	-0.020	27.358	-0.022	27.387	-0.019	33.811	0.006	33.835	0.010	33.862	0.012	33.878	0.014
27.419	-0.018	27.452	-0.016	27.481	-0.014	27.508	-0.011	33.908	0.016	33.938	0.016	33.970	0.012	33.992	0.009
27.532	-0.008	27.564	-0.005	27.591	-0.002	27.615	0.0	34.024	0.002	34.062	-0.002	34.088	-0.007	34.121	-0.011
27.645	0.0	27.677	0.004	27.712	0.005	27.746	0.005	34.142	-0.011	34.169	-0.007	34.204	-0.004	34.242	-0.003
27.776	0.006	27.800	0.007	27.829	0.008	27.859	0.009	34.272	-0.001	34.302	0.001	34.329	0.002	34.367	0.005
27.883	0.009	27.917	0.010	27.952	0.010	27.981	0.010	34.383	0.007	34.405	0.009	34.459	0.011	34.486	0.011
28.014	0.009	28.040	0.008	28.075	0.008	28.112	0.007	34.518	0.011	34.543	0.011	34.581	0.011	34.600	0.011
28.142	0.007	28.168	0.008	28.208	0.008	28.238	0.008	34.635	0.011	34.656	0.011	34.697	0.014	34.724	0.011
28.275	0.008	28.315	0.008	28.352	0.008	28.400	0.006	34.748	0.008	34.777	0.006	34.812	0.005	34.842	0.004
28.419	0.004	28.440	0.0	28.469	-0.003	28.499	-0.007	34.871	0.003	34.904	0.003	34.936	0.002	34.971	0.002
28.520	-0.011	28.546	-0.012	28.573	-0.009	28.597	-0.007	35.000	-0.002	35.035	-0.004	35.073	-0.006	35.113	-0.009
28.629	-0.002	28.650	0.0	28.674	0.005	28.717	0.007	35.156	-0.010	35.191	-0.008	35.223	-0.009	35.242	-0.009
28.747	0.005	28.779	0.003	28.800	0.002	28.825	0.0	35.277	-0.007	35.314	-0.005	35.344	-0.002	35.376	0.0
28.865	-0.002	28.894	-0.005	28.918	-0.007	28.943	-0.011	35.405	0.002	35.446	0.002	35.470	0.0	35.510	0.002
29.066	-0.019	29.090	-0.018	29.111	-0.015	29.141	-0.012	35.539	0.002	35.579	0.001	35.609	0.0	35.644	0.0
29.154	-0.010	29.181	-0.004	29.200	-0.001	29.233	0.002	35.662	0.0	35.695	0.0	35.713	-0.001	35.737	-0.003
29.250	0.004	29.292	0.004	29.317	0.006	29.341	0.008	35.772	-0.002	35.821	0.0	35.855	0.001	35.890	0.004
29.371	0.007	29.395	0.007	29.414	0.006	29.433	0.005	35.931	0.007	35.973	0.009	36.008	0.009	36.040	0.008
29.455	0.003	29.468	0.002	29.482	0.0	29.512	0.002	36.070	0.007	36.099	0.005	36.134	0.002	36.164	0.001
29.536	0.003	29.558	0.004	29.587	0.005	29.617	0.005	36.196	-0.001	36.229	0.0	36.275	-0.001	36.313	-0.001
29.642	0.004	29.674	0.003	29.704	0.003	29.725	-0.001	36.353	-0.001	36.383	-0.002	36.404	-0.004	36.434	-0.006
29.749	-0.003	29.779	-0.006	29.811	-0.008	29.843	-0.010	36.458	-0.008	36.477	-0.009	36.502	-0.010	36.534	-0.009
29.876	-0.011	29.900	-0.012	29.930	-0.012	29.940	-0.012	36.561	-0.006	36.585	-0.004	36.613	0.0	36.634	0.003
29.965	-0.012	29.994	-0.012	30.021	-0.011	30.053	-0.009	36.661	0.005	36.689	0.009	36.724	0.014	36.771	0.014
30.086	-0.005	30.121	-0.002	30.145	0.002	30.180	0.004	36.795	0.014	36.839	0.014	36.880	0.014	36.927	0.013
30.204	0.006	30.247	0.004	30.287	0.003	30.327	0.0	36.965	0.006	37.013	0.005	37.033	0.009	37.066	0.007
30.343	-0.002	30.373	-0.003	30.405	-0.006	30.458	-0.008	37.094	0.006	37.113	0.005	37.154	0.002	37.187	0.001
								37.222	-0.002	37.244	-0.008	37.271	-0.011	37.312	-0.012
								37.356	-0.013	37.384	-0.014	37.416	-0.012	37.466	-0.009

37.496	-0.007	37.545	-0.006	37.592	-0.005	37.641	-0.005	44.774	0.001	44.803	0.003	44.836	0.001	44.857	0.0
37.687	-0.005	37.733	-0.003	37.774	-0.003	37.812	-0.002	44.881	0.002	44.916	0.003	44.943	0.003	44.970	0.003
37.864	-0.001	37.900	-0.001	37.932	-0.001	37.973	-0.001	44.991	0.003	45.015	0.002	45.040	0.002	45.056	0.002
38.009	-0.001	38.041	-0.002	38.082	-0.001	38.153	0.0	45.075	0.002	45.093	0.001	45.112	0.001	45.136	-0.001
38.172	-0.002	38.216	-0.004	38.248	0.0	38.278	0.0	45.158	-0.001	45.185	0.0	45.211	-0.002	45.241	-0.006
38.305	0.0	38.332	0.0	38.379	0.002	38.417	0.004	45.270	-0.008	45.302	-0.007	45.324	-0.007	45.351	-0.006
38.457	0.006	38.498	0.004	38.547	0.002	38.574	0.001	45.386	-0.004	45.420	-0.002	45.450	0.001	45.482	0.002
38.604	0.0	38.637	-0.002	38.664	0.0	38.704	0.001	45.506	0.003	45.533	0.005	45.557	0.008	45.581	0.009
38.728	-0.001	38.762	-0.004	38.813	-0.005	38.840	-0.007	45.611	0.011	45.640	0.011	45.656	0.012	45.689	0.014
38.872	-0.008	38.906	-0.009	38.949	-0.007	38.976	-0.005	45.705	0.012	45.729	0.009	45.764	0.008	45.791	0.008
39.016	-0.002	39.048	-0.002	39.072	-0.002	39.107	-0.002	45.837	0.008	45.866	0.007	45.888	0.006	45.914	0.007
39.133	-0.001	39.149	-0.001	39.183	0.002	39.217	0.005	45.947	0.005	45.963	0.0	45.990	-0.002	46.030	-0.003
39.265	0.006	39.304	0.006	39.341	0.007	39.401	0.007	46.049	-0.004	46.073	-0.006	46.103	-0.008	46.127	-0.010
39.448	0.006	39.490	0.004	39.543	0.002	39.553	0.001	46.148	-0.010	46.172	-0.008	46.189	-0.009	46.210	-0.010
39.640	0.001	39.674	0.004	39.720	0.006	39.736	0.005	46.245	-0.011	46.266	-0.011	46.290	-0.010	46.314	-0.010
39.800	0.006	39.857	-0.008	39.899	-0.008	39.942	0.006	46.341	-0.009	46.365	-0.008	46.397	-0.007	46.416	-0.007
39.966	0.001	39.996	-0.002	40.033	-0.004	40.060	-0.009	46.432	-0.005	46.459	-0.005	46.478	-0.005	46.502	-0.004
40.089	-0.011	40.116	-0.012	40.138	-0.013	40.178	-0.009	46.526	-0.003	46.542	-0.002	46.558	-0.001	46.585	0.0
40.222	-0.004	40.247	-0.004	40.288	0.0	40.323	0.003	46.612	0.001	46.638	0.002	46.670	0.005	46.702	0.008
40.364	-0.004	40.391	-0.003	40.424	0.002	40.465	-0.002	46.734	0.006	46.766	0.006	46.793	0.008	46.819	0.009
40.495	-0.006	40.539	-0.009	40.575	-0.011	40.610	-0.013	46.851	0.011	46.872	0.012	46.907	0.014	46.936	0.015
40.640	-0.013	40.673	-0.009	40.711	-0.007	40.736	-0.007	46.971	0.016	46.995	0.014	47.035	0.014	47.075	0.015
40.779	-0.006	40.815	-0.004	40.858	-0.002	40.888	0.0	47.098	0.016	47.128	0.016	47.157	0.016	47.184	0.017
40.915	-0.003	40.948	0.002	40.975	0.002	41.019	0.005	47.223	0.014	47.261	0.010	47.324	0.009	47.364	0.006
41.076	0.007	41.098	0.009	41.139	0.011	41.171	0.011	47.409	-0.002	47.446	-0.002	47.478	-0.002	47.505	-0.003
41.198	0.012	41.231	0.010	41.274	0.008	41.326	0.008	47.542	-0.002	47.585	-0.002	47.632	-0.002	47.664	0.0
41.372	0.008	41.410	0.006	41.442	0.004	41.469	0.001	47.678	0.001	47.710	0.002	47.747	0.001	47.777	0.004
41.491	-0.001	41.529	-0.004	41.564	-0.006	41.597	-0.007	47.804	0.005	47.830	0.007	47.868	0.008	47.900	0.010
41.632	-0.009	41.665	-0.009	41.692	-0.007	41.713	-0.008	47.927	0.012	47.951	0.012	47.986	0.011	48.002	0.012
41.727	-0.012	41.756	-0.012	41.783	-0.011	41.797	-0.010	48.023	0.016	48.069	0.017	48.104	0.016	48.133	0.016
41.821	-0.009	41.845	-0.009	41.878	-0.010	41.910	-0.007	48.149	0.016	48.182	0.018	48.201	0.018	48.228	0.015
41.956	-0.007	41.986	-0.007	42.023	-0.004	42.053	-0.002	48.268	0.012	48.306	0.012	48.350	0.012	48.374	0.012
42.075	-0.001	42.099	0.0	42.137	0.0	42.169	0.001	48.415	0.010	48.439	0.010	48.477	0.010	48.507	0.009
42.196	0.002	42.223	0.0	42.256	-0.003	42.272	-0.005	48.537	0.008	48.561	0.008	48.591	0.007	48.612	0.007
42.302	-0.005	42.324	-0.007	42.356	-0.008	42.378	-0.008	48.640	0.005	48.661	0.007	48.686	0.009	48.713	0.004
42.391	-0.008	42.424	-0.009	42.445	-0.009	42.478	-0.008	48.737	0.001	48.759	0.001	48.794	0.001	48.830	0.0
42.505	-0.008	42.529	-0.008	42.554	-0.007	42.581	-0.007	48.860	-0.002	48.892	-0.002	48.933	-0.003	48.963	-0.003
42.605	-0.007	42.635	-0.007	42.662	-0.003	42.692	-0.001	48.987	-0.003	49.028	-0.001	49.058	-0.002	49.088	-0.003
42.714	0.0	42.735	0.0	42.760	0.0	42.787	0.001	49.110	-0.003	49.126	-0.003	49.153	-0.001	49.183	0.0
42.806	0.002	42.825	0.001	42.844	0.002	42.874	0.007	49.204	-0.002	49.237	-0.004	49.272	-0.006	49.307	-0.006
42.896	0.007	42.917	0.007	42.945	0.008	42.972	0.007	49.345	-0.006	49.378	-0.006	49.435	-0.003	49.478	-0.001
43.110	-0.001	43.137	-0.001	43.162	-0.001	43.192	0.002	49.510	0.0	49.543	0.003	49.575	0.006	49.610	0.007
43.222	-0.001	43.243	-0.001	43.265	0.002	43.298	0.004	49.646	0.008	49.681	0.010	49.705	0.009	49.751	0.008
43.319	0.006	43.355	0.011	43.379	0.011	43.403	0.013	49.788	0.006	49.823	0.003	49.848	0.003	49.874	0.001
43.431	0.013	43.460	0.011	43.490	0.009	43.528	0.007	49.901	0.0	49.939	-0.001	49.977	-0.003	50.017	-0.005
43.553	0.004	43.593	0.003	43.615	0.002	43.640	0.001	50.049	-0.005	50.079	-0.005	50.117	-0.006	50.149	-0.007
43.672	-0.001	43.702	-0.001	43.737	-0.004	43.770	-0.006	50.173	-0.007	50.197	-0.007	50.224	-0.009	50.261	-0.011
43.800	-0.008	43.835	-0.008	43.867	-0.009	43.895	-0.009	50.293	-0.011	50.317	-0.011	50.336	-0.011	50.368	-0.010
43.924	-0.009	43.954	-0.010	43.976	-0.010	44.003	-0.009	50.384	-0.010	50.405	-0.010	50.424	-0.007	50.450	-0.006
44.028	-0.007	44.057	-0.004	44.085	0.0	44.106	0.004	50.488	-0.005	50.520	-0.003	50.541	0.0	50.565	0.002
44.144	0.006	44.171	0.008	44.198	0.012	44.231	0.011	50.586	0.003	50.621	0.003	50.642	0.004	50.661	0.006
44.266	0.011	44.299	0.010	44.331	0.009	44.362	0.008	50.688	0.009	50.709	0.009	50.733	0.006	50.762	0.006
44.407	0.007	44.442	0.005	44.474	0.003	44.512	0.002	50.786	0.006	50.820	0.007	50.839	0.006	50.865	0.006
44.539	0.002	44.572	0.001	44.604	0.0	44.642	-0.001	50.900	0.005	50.927	0.005	50.958	0.004	50.980	0.003
44.669	0.002	44.699	0.002	44.720	0.0	44.750	-0.001	50.998	0.002	51.027	-0.001	51.049	-0.001	51.070	-0.001
								51.091	-0.002	51.123	-0.001	51.150	-0.001	51.171	0.0

51.205	0.0	51.245	-0.001	51.277	-0.002	51.317	-0.001	59.090	-0.012	59.130	-0.012	59.160	-0.011	59.200	-0.007
51.359	-0.001	51.380	0.0	51.415	0.001	51.457	0.001	59.241	-0.009	59.265	-0.007	59.298	-0.004	59.346	-0.001
51.495	0.001	51.526	0.003	51.569	0.005	51.603	0.008	59.384	0.001	59.435	0.004	59.481	0.005	59.525	0.008
51.648	0.005	51.662	0.005	51.701	0.007	51.737	0.007	59.568	0.009	59.611	0.009	59.649	0.009	59.671	0.011
51.802	0.006	51.834	0.004	51.869	0.003	51.901	0.002	59.692	0.012	59.730	0.007	59.760	0.006	59.822	0.005
51.930	-0.001	51.956	-0.003	51.986	-0.006	52.015	-0.006	59.860	0.004	59.911	0.003	59.954	0.003	59.989	0.003
52.036	-0.006	52.073	-0.007	52.111	-0.007	52.142	-0.007	60.032	0.002	60.054	0.002	60.097	0.002	60.135	0.003
52.169	-0.005	52.212	-0.004	52.231	-0.006	52.263	-0.007	60.178	0.006	60.235	0.004	60.270	0.004	60.319	0.005
52.295	-0.006	52.329	-0.005	52.372	-0.004	52.415	-0.003	60.362	0.005	60.383	0.005	60.429	0.005	60.483	0.004
52.450	-0.003	52.482	-0.003	52.509	0.0	52.538	0.001	60.505	0.004	60.551	0.004	60.578	0.004	60.610	0.004
52.562	0.002	52.594	0.001	52.621	0.001	52.645	0.002	60.643	0.003	60.676	0.005	60.700	0.005	60.733	0.002
52.680	0.002	52.693	0.003	52.723	0.0	52.755	-0.002	60.768	-0.002	60.812	-0.002	60.842	-0.003	60.886	-0.004
52.787	-0.001	52.817	-0.002	52.849	-0.002	52.892	-0.001	60.921	-0.005	60.954	-0.005	60.981	-0.006	61.006	-0.006
52.916	-0.001	52.951	-0.004	52.978	-0.004	53.010	-0.002	61.036	-0.006	61.077	-0.005	61.112	-0.004	61.134	-0.001
53.040	-0.001	53.066	0.0	53.099	0.002	53.134	0.005	61.156	0.001	61.177	0.002	61.202	0.003	61.234	0.003
53.160	0.007	53.193	0.008	53.236	0.009	53.276	0.011	61.270	0.006	61.299	0.006	61.343	0.007	61.359	0.007
53.303	0.012	53.332	0.013	53.357	0.013	53.397	0.013	61.397	0.007	61.429	0.007	61.456	0.007	61.494	0.007
53.432	0.014	53.478	0.013	53.507	0.012	53.548	0.012	61.535	0.007	61.567	0.006	61.600	0.006	61.616	0.005
53.585	0.012	53.615	0.011	53.650	0.009	53.682	0.011	61.646	0.005	61.667	0.005	61.691	0.006	61.715	0.004
53.703	0.011	53.733	0.008	53.779	0.006	53.832	0.006	61.739	0.001	61.766	0.0	61.800	-0.002	61.832	-0.003
53.870	0.006	53.902	0.005	53.929	0.005	53.967	0.003	61.851	-0.003	61.880	-0.004	61.901	-0.004	61.923	-0.004
53.999	0.002	54.023	0.003	54.048	0.003	54.080	0.004	61.941	-0.004	61.965	-0.003	61.997	-0.002	62.021	-0.002
54.109	0.005	54.142	0.005	54.160	0.007	54.185	0.009								
54.206	0.008	54.235	0.005	54.273	0.003	54.310	0.001								
54.334	-0.001	54.375	-0.005	54.417	-0.009	54.463	-0.011								
54.503	-0.012	54.535	-0.013	54.567	-0.014	54.610	-0.013								
54.634	-0.013	54.664	-0.011	54.701	-0.010	54.735	-0.011								
54.762	-0.011	54.789	-0.010	54.826	-0.007	54.847	-0.007								
54.882	-0.006	54.927	-0.005	54.959	-0.005	54.985	-0.005								
55.039	-0.003	55.073	-0.002	55.113	-0.002	55.150	0.0								
55.177	0.003	55.201	0.004	55.235	0.003	55.256	0.005								
55.301	0.006	55.344	0.006	55.376	0.006	55.407	0.006								
55.439	0.006	55.466	0.003	55.495	0.003	55.532	0.003								
55.561	0.002	55.590	0.0	55.614	0.0	55.638	0.002								
55.675	0.004	55.706	0.004	55.746	0.002	55.786	0.005								
55.831	0.005	55.868	0.005	55.915	0.005	55.950	0.005								
55.987	0.004	56.031	0.003	56.068	0.003	56.087	0.003								
56.121	0.003	56.153	0.004	56.193	0.007	56.228	0.003								
56.268	0.002	56.318	0.001	56.355	0.0	56.393	-0.003								
56.438	-0.007	56.481	-0.009	56.531	-0.009	56.568	-0.009								
56.622	-0.009	56.648	-0.008	56.675	-0.005	56.702	-0.005								
56.740	-0.007	56.764	-0.007	56.791	-0.002	56.831	-0.002								
56.866	-0.001	56.896	-0.001	56.923	0.0	56.941	0.0								
56.974	-0.001	57.017	-0.001	57.057	0.0	57.103	0.0								
57.121	0.002	57.148	0.004	57.178	0.004	57.207	0.003								
57.245	0.003	57.285	0.003	57.322	0.003	57.363	0.003								
57.400	0.003	57.427	0.003	57.456	0.001	57.486	0.001								
57.512	0.001	57.555	0.002	57.595	0.003	57.636	0.005								
57.660	0.007	57.705	0.009	57.751	0.010	57.786	0.012								
57.828	0.012	57.885	0.015	57.925	0.014	57.960	0.013								
58.027	0.008	58.059	0.007	58.101	0.006	58.147	0.004								
58.187	0.005	58.247	0.003	58.290	0.002	58.333	0.002								
58.381	0.002	58.422	0.002	58.473	0.001	58.521	0.0								
58.559	0.001	58.602	0.001	58.637	0.002	58.667	0.002								
58.720	0.0	58.769	-0.003	58.812	-0.005	58.866	-0.007								
58.912	-0.009	58.941	-0.010	58.985	-0.012	59.044	-0.013								

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0188 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.005	0.021	0.007	0.037	0.011	0.053	0.002	2.571	-0.011	2.598	-0.010	2.611	-0.010	2.627	-0.016
0.069	-0.007	0.083	-0.016	0.096	-0.021	0.109	-0.022	2.646	-0.023	2.657	-0.031	2.671	-0.032	2.690	-0.026
0.123	-0.015	0.139	-0.002	0.149	0.004	0.160	0.006	2.706	-0.015	2.717	-0.007	2.730	0.004	2.746	0.014
0.187	0.0	0.208	-0.013	0.221	-0.022	0.232	-0.024	2.765	0.022	2.779	0.033	2.793	0.043	2.809	0.046
0.240	-0.016	0.251	-0.001	0.261	0.010	0.272	0.024	2.820	0.046	2.836	0.039	2.852	0.025	2.866	0.010
0.283	0.034	0.296	0.051	0.310	0.056	0.320	0.053	2.874	-0.002	2.890	-0.012	2.907	-0.016	2.923	-0.022
0.331	0.041	0.350	0.021	0.358	0.007	0.366	-0.007	2.945	-0.030	2.963	-0.034	2.982	-0.034	2.999	-0.027
0.380	-0.023	0.393	-0.028	0.404	-0.024	0.418	-0.011	3.015	-0.015	3.031	-0.003	3.048	0.006	3.067	0.012
0.434	0.003	0.450	0.008	0.480	0.008	0.499	0.017	3.113	0.025	3.119	0.025	3.137	0.031	3.156	0.044
0.526	0.034	0.545	0.049	0.566	0.060	0.585	0.068	3.170	0.043	3.189	0.037	3.205	0.018	3.216	-0.002
0.596	0.065	0.609	0.063	0.628	0.045	0.642	0.032	3.232	-0.024	3.254	-0.035	3.278	-0.039	3.310	-0.042
0.655	0.021	0.669	0.020	0.688	0.029	0.707	0.036	3.334	-0.048	3.352	-0.048	3.371	-0.036	3.384	-0.017
0.715	0.037	0.728	0.029	0.747	0.018	0.758	0.006	3.394	0.002	3.410	0.020	3.429	0.028	3.452	0.028
0.772	-0.003	0.780	-0.013	0.793	-0.024	0.807	-0.034	3.465	0.027	3.484	0.033	3.508	0.036	3.521	0.031
0.828	-0.041	0.850	-0.042	0.868	-0.042	0.890	-0.041	3.537	0.021	3.544	0.007	3.563	-0.005	3.576	-0.014
0.914	-0.036	0.941	-0.026	0.957	-0.020	0.968	-0.019	3.592	-0.014	3.613	-0.008	3.629	0.001	3.647	0.011
0.987	-0.025	0.998	-0.030	1.027	-0.036	1.041	-0.036	3.666	0.017	3.679	0.020	3.692	0.015	3.703	0.001
1.068	-0.032	1.095	-0.030	1.119	-0.032	1.135	-0.032	3.718	-0.015	3.734	-0.035	3.750	-0.048	3.768	-0.062
1.157	-0.017	1.170	0.009	1.178	0.032	1.194	0.047	3.792	-0.065	3.803	-0.053	3.816	-0.024	3.832	-0.014
1.210	0.053	1.218	0.054	1.237	0.044	1.253	0.031	3.850	0.040	3.866	0.041	3.887	0.029	3.903	0.039
1.332	0.048	1.350	0.044	1.356	0.024	1.367	0.005	3.919	0.0	3.935	-0.001	3.956	0.005	3.982	0.037
1.380	-0.017	1.390	-0.036	1.410	-0.042	1.434	-0.032	4.003	-0.003	4.027	-0.009	4.045	-0.022	4.059	-0.032
1.447	-0.017	1.464	0.001	1.482	0.010	1.488	0.012	4.077	-0.040	4.088	-0.040	4.104	-0.028	4.117	-0.010
1.504	0.006	1.518	-0.019	1.535	-0.052	1.561	-0.072	4.135	0.024	4.151	0.055	4.164	0.083	4.177	0.093
1.569	-0.077	1.590	-0.059	1.59											

5.625	0.062	5.641	0.045	5.655	0.026	5.673	0.013	9.302	-0.031	9.321	-0.019	9.342	-0.007	9.355	0.006
5.695	0.013	5.716	0.026	5.740	0.036	5.767	0.032	9.374	0.009	9.395	0.008	9.416	0.001	9.429	-0.001
5.791	0.032	5.809	0.049	5.828	0.065	5.843	0.067	9.448	0.008	9.464	0.021	9.477	0.032	9.498	0.040
5.854	0.018	5.872	0.018	5.893	-0.035	5.906	-0.064	9.525	-0.036	9.543	0.033	9.567	0.047	9.586	0.063
5.917	-0.080	5.933	-0.082	5.951	-0.068	5.977	-0.049	9.604	0.078	9.615	0.081	9.628	0.083	9.641	0.077
6.004	-0.011	6.022	0.015	6.033	0.042	6.043	0.059	9.652	0.063	9.665	0.048	9.673	0.027	9.684	0.010
6.059	0.075	6.077	0.082	6.098	0.077	6.114	0.063	9.692	-0.004	9.702	-0.019	9.710	-0.034	9.723	-0.057
6.130	0.047	6.148	0.032	6.167	0.017	6.180	0.005	9.731	-0.072	9.747	-0.086	9.758	-0.102	9.771	-0.114
6.200	-0.051	6.211	-0.018	6.235	-0.031	6.264	-0.044	9.787	-0.119	9.800	-0.118	9.824	-0.104	9.837	-0.093
6.280	-0.051	6.296	-0.051	6.320	-0.035	6.330	-0.016	9.851	-0.078	9.861	-0.066	9.874	-0.051	9.896	-0.026
6.349	0.005	6.365	0.020	6.373	0.022	6.389	0.016	9.911	-0.002	9.925	0.020	9.938	0.036	9.949	0.051
6.402	-0.004	6.415	-0.020	6.434	-0.035	6.453	-0.044	9.959	0.066	9.975	0.073	9.988	0.078	10.002	0.077
6.476	-0.049	6.498	-0.049	6.511	-0.043	6.532	-0.027	10.017	0.071	10.028	0.057	10.044	0.043	10.054	0.030
6.548	-0.009	6.570	0.002	6.586	0.004	6.612	0.002	10.068	0.016	10.084	0.004	10.100	-0.001	10.118	0.002
6.639	0.002	6.655	0.008	6.676	0.011	6.703	0.016	10.137	0.014	10.153	0.024	10.168	0.027	10.179	0.028
6.750	0.009	6.774	-0.001	6.793	-0.009	6.817	-0.014	10.200	0.021	10.213	0.013	10.224	0.003	10.240	-0.009
6.831	-0.015	6.850	-0.010	6.863	-0.005	6.882	-0.004	10.264	-0.017	10.282	-0.021	10.298	-0.022	10.320	-0.019
6.903	0.013	6.922	0.018	6.947	0.021	6.963	0.021	10.338	-0.009	10.357	-0.001	10.368	0.004	10.381	0.007
6.987	0.018	7.003	0.010	7.022	0.002	7.038	-0.007	10.395	0.001	10.413	-0.013	10.424	-0.026	10.435	-0.038
7.054	-0.016	7.076	-0.021	7.095	-0.019	7.111	-0.004	10.445	-0.049	10.464	-0.055	10.483	-0.061	10.507	-0.066
7.130	0.012	7.148	0.028	7.162	0.036	7.175	0.040	10.523	-0.062	10.542	-0.053	10.555	-0.038	10.571	-0.021
7.186	0.038	7.205	0.028	7.216	0.014	7.226	0.004	10.582	-0.006	10.590	0.013	10.603	0.032	10.614	0.051
7.240	-0.011	7.259	-0.026	7.278	-0.033	7.299	-0.037	10.625	0.066	10.633	0.080	10.641	0.088	10.654	0.093
7.323	-0.038	7.344	-0.038	7.366	-0.032	7.387	-0.027	10.673	0.091	10.686	0.078	10.699	0.063	10.710	0.050
7.406	-0.020	7.419	-0.019	7.441	-0.026	7.459	-0.033	10.724	0.033	10.734	0.016	10.748	0.006	10.769	0.0
7.478	-0.037	7.502	-0.039	7.523	-0.035	7.545	-0.033	10.785	0.004	10.812	0.008	10.839	0.005	10.853	0.003
7.558	-0.025	7.577	-0.010	7.590	0.008	7.601	0.019	10.882	0.001	10.901	-0.003	10.920	-0.007	10.936	-0.012
7.611	0.030	7.625	0.032	7.641	0.028	7.654	0.013	10.950	-0.019	10.958	-0.028	10.971	-0.035	10.985	-0.048
7.662	-0.002	7.673	-0.021	7.686	-0.029	7.700	-0.034	10.996	-0.052	11.012	-0.057	11.025	-0.053	11.039	-0.043
7.718	-0.031	7.740	-0.027	7.758	-0.033	7.772	-0.040	11.055	-0.033	11.066	-0.022	11.074	-0.012	11.087	-0.002
7.790	-0.045	7.806	-0.050	7.814	-0.045	7.828	-0.039	11.098	0.006	11.109	0.012	11.131	0.018	11.144	0.019
7.844	-0.034	7.857	-0.032	7.878	-0.032	7.892	-0.033	11.166	0.013	11.170	0.005	11.217	-0.003	11.238	-0.007
7.908	-0.029	7.921	-0.020	7.934	-0.007	7.948	-0.008	11.255	-0.010	11.274	-0.011	11.300	-0.004	11.319	-0.003
7.956	0.020	7.966	0.031	7.974	0.040	7.988	0.050	11.333	0.015	11.349	0.023	11.360	0.033	11.373	0.043
7.998	0.057	8.009	0.062	8.022	0.063	8.036	0.060	11.384	0.053	11.405	0.058	11.421	0.061	11.440	0.057
8.052	0.053	8.060	0.040	8.070	0.032	8.078	0.020	11.454	0.051	11.467	0.043	11.478	0.031	11.497	0.020
8.089	0.008	8.102	-0.003	8.113	-0.009	8.124	-0.011	11.513	0.010	11.540	-0.002	11.556	-0.009	11.575	-0.019
8.140	-0.003	8.153	0.012	8.158	0.027	8.177	0.047	11.604	-0.022	11.628	-0.025	11.653	-0.031	11.666	-0.039
8.188	0.059	8.201	0.065	8.220	0.060	8.233	0.047	11.680	-0.048	11.690	-0.056	11.706	-0.061	11.725	-0.065
8.246	0.030	8.254	0.012	8.270	-0.009	8.281	-0.033	11.739	-0.065	11.771	-0.056	11.784	-0.050	11.795	-0.043
8.292	-0.054	8.302	-0.072	8.316	-0.085	8.327	-0.091	11.822	-0.036	11.840	-0.033	11.856	-0.036	11.878	-0.042
8.343	-0.093	8.359	-0.081	8.372	-0.055	8.383	-0.034	11.891	-0.048	11.907	-0.052	11.926	-0.047	11.947	-0.037
8.394	-0.016	8.410	0.004	8.423	0.019	8.436	0.025	11.961	-0.030	11.974	-0.016	11.993	-0.016	12.017	-0.018
8.458	0.020	8.477	0.018	8.498	0.016	8.512	0.022	12.035	-0.022	12.059	-0.024	12.086	-0.018	12.105	-0.010
8.530	0.026	8.544	0.026	8.560	0.021	8.576	0.008	12.118	0.0	12.131	0.010	12.145	0.022	12.165	0.031
8.592	-0.008	8.605	-0.020	8.627	-0.025	8.648	-0.023	12.185	0.038	12.212	0.043	12.241	0.044	12.265	0.041
8.667	-0.022	8.689	-0.028	8.707	-0.034	8.726	-0.040	12.292	0.032	12.316	0.027	12.345	0.020	12.375	0.017
8.745	-0.032	8.756	-0.020	8.774	-0.003	8.788	0.015	12.396	0.010	12.410	0.002	12.428	-0.011	12.447	-0.020
8.806	0.022	8.820	0.025	8.841	0.018	8.860	0.006	12.471	-0.021	12.493	-0.013	12.514	-0.003	12.527	-0.001
8.873	-0.009	8.884	-0.020	8.897	-0.028	8.913	-0.037	12.549	0.002	12.578	-0.003	12.597	-0.013	12.626	-0.025
8.924	-0.037	8.937	-0.021	8.948	-0.005	8.961	0.013	12.637	-0.036	12.659	-0.042	12.680	-0.036	12.701	-0.022
8.969	0.027	8.977	0.050	8.982	0.069	8.993	0.088	12.717	-0.009	12.731	0.0	12.744	0.012	12.760	0.025
9.009	0.098	9.020	0.101	9.036	0.098	9.052	0.086	12.776	0.034	12.806	0.038	12.827	0.038	12.851	0.033
9.070	0.072	9.094	0.057	9.110	0.047	9.129	0.033	12.873	0.030	12.894	0.027	12.910	0.022	12.926	0.015
9.140	0.018	9.158	-0.001	9.169	-0.014	9.182	-0.024	12.942	0.006	12.961	-0.002	12.985	-0.006	13.007	-0.002
9.196	-0.034	9.225	-0.038	9.252	-0.035	9.276	-0.034	13.031	0.004	13.041	0.009	13.052	0.012	13.073	0.013

13.087	0.010	13.100	0.002	13.119	-0.007	13.146	-0.017	18.034	-0.005	18.061	0.001	18.077	0.006	18.096	0.010
13.162	-0.023	13.186	-0.025	13.205	-0.019	13.226	-0.015	18.115	-0.014	18.131	0.015	18.153	0.012	18.177	0.007
13.253	-0.012	13.277	-0.010	13.304	-0.007	13.320	0.0	18.196	-0.001	18.214	-0.007	18.236	-0.011	18.249	-0.016
13.333	0.007	13.354	0.014	13.365	0.019	13.386	0.021	18.271	-0.021	18.298	-0.022	18.325	-0.022	18.357	-0.019
13.399	0.021	13.418	0.019	13.445	0.012	13.458	0.004	18.386	-0.014	18.419	-0.008	18.451	-0.002	18.475	-0.001
13.479	-0.003	13.498	-0.009	13.511	-0.016	13.530	-0.023	18.510	-0.002	18.533	-0.002	18.585	-0.002	18.610	0.0
13.551	-0.028	13.575	-0.031	13.599	-0.032	13.625	-0.026	18.634	-0.002	18.666	-0.003	18.696	-0.004	18.723	-0.002
13.639	-0.019	13.652	-0.014	13.679	-0.008	13.695	-0.001	18.752	0.0	18.776	0.003	18.806	-0.004	18.833	-0.004
13.713	0.004	13.734	0.006	13.756	0.009	13.777	0.015	18.857	-0.003	18.884	-0.001	18.911	-0.005	18.936	-0.011
13.796	0.021	13.812	0.026	13.828	0.026	13.844	0.023	18.960	-0.014	18.979	-0.016	19.009	-0.013	19.033	-0.007
13.860	0.017	13.870	0.009	13.884	0.0	13.897	-0.009	19.057	-0.001	19.087	0.005	19.117	0.006	19.149	0.007
13.913	-0.014	13.934	-0.018	13.953	-0.014	13.974	-0.006	19.174	0.008	19.206	0.010	19.230	0.008	19.260	0.006
13.988	0.001	14.005	0.009	14.025	0.015	14.044	0.021	19.287	-0.002	19.333	-0.001	19.353	-0.003	19.362	0.002
14.070	0.023	14.105	0.019	14.126	0.011	14.145	0.005	19.392	0.007	19.419	0.012	19.451	0.013	19.481	0.012
14.161	-0.001	14.180	-0.004	14.201	-0.001	14.220	0.003	19.510	0.007	19.540	0.002	19.572	-0.004	19.605	-0.009
14.244	0.008	14.265	0.011	14.281	0.012	14.297	0.008	19.637	-0.011	19.677	-0.004	19.704	-0.008	19.742	-0.003
14.321	0.0	14.335	-0.005	14.354	-0.011	14.378	-0.017	19.763	-0.002	19.831	-0.004	19.863	-0.013	19.903	-0.017
14.400	-0.014	14.421	-0.011	14.451	-0.010	14.483	-0.012	19.936	-0.021	19.968	-0.021	20.003	-0.018	20.040	-0.016
14.502	-0.015	14.524	-0.017	14.545	-0.012	14.567	-0.015	20.067	-0.010	20.100	-0.005	20.134	0.0	20.169	0.003
14.588	-0.011	14.615	-0.009	14.645	-0.012	14.664	-0.016	20.202	0.006	20.239	0.009	20.272	0.011	20.304	0.012
14.688	-0.020	14.707	-0.021	14.726	-0.015	14.747	-0.008	20.333	0.016	20.365	0.017	20.400	0.014	20.419	0.010
14.761	0.003	14.777	0.013	14.788	0.022	14.801	0.033	20.438	0.005	20.452	0.0	20.494	-0.005	20.526	-0.005
14.815	0.039	14.831	0.044	14.850	0.045	14.867	0.042	20.561	-0.002	20.585	-0.002	20.633	-0.003	20.665	-0.003
14.883	0.039	14.908	0.037	14.927	0.039	14.951	0.043	20.705	-0.002	20.748	0.003	20.783	0.005	20.810	0.039
14.976	0.044	15.000	0.042	15.025	0.034	15.044	0.027	20.839	0.011	20.863	0.012	20.892	0.011	20.926	0.006
15.050	0.017	15.077	0.010	15.090	0.004	15.112	-0.001	20.956	-0.003	20.990	0.002	21.019	0.003	21.051	0.005
15.131	-0.004	15.153	-0.008	15.177	-0.012	15.199	-0.021	21.091	-0.005	21.118	-0.004	21.144	0.002	21.171	-0.001
15.221	-0.031	15.240	-0.041	15.254	-0.043	15.276	-0.039	21.197	-0.006	21.221	-0.009	21.261	-0.010	21.298	-0.009
15.295	-0.030	15.311	-0.018	15.322	-0.008	15.333	0.003	21.357	-0.007	21.378	-0.005	21.413	0.0	21.445	0.005
15.349	0.015	15.368	0.024	15.390	0.029	15.415	0.029	21.477	0.011	21.501	0.016	21.539	0.016	21.571	0.014
15.437	0.023	15.461	0.017	15.483	0.011	15.505	0.006	21.605	0.009	21.637	0.005	21.683	0.0	21.723	0.0
15.535	0.002	15.557	-0.005	15.581	-0.015	15.606	-0.026	21.763	0.0	21.798	-0.002	21.833	-0.003	21.870	-0.004
15.625	-0.035	15.644	-0.044	15.666	-0.055	15.682	-0.058	21.902	-0.004	21.937	-0.002	21.982	0.0	22.033	0.001
15.698	-0.059	15.715	-0.055	15.734	-0.046	15.750	-0.034	22.071	0.001	22.111	0.0	22.143	-0.001	22.173	-0.005
15.764	-0.025	15.778	-0.016	15.788	-0.008	15.802	-0.001	22.197	-0.006	22.234	-0.007	22.266	-0.010	22.293	-0.011
15.815	0.004	15.829	0.008	15.848	0.009	15.875	0.005	22.333	-0.009	22.367	-0.006	22.399	-0.003	22.428	0.001
15.894	-0.001	15.910	-0.004	15.937	-0.009	15.962	-0.012	22.471	0.002	22.516	0.002	22.537	0.002	22.571	0.004
15.991	-0.013	16.018	-0.012	16.059	-0.008	16.094	-0.006	22.611	0.006	22.643	0.006	22.680	0.008	22.707	0.007
16.121	-0.001	16.143	0.002	16.181	0.007	16.208	0.011	22.746	0.003	22.781	-0.001	22.816	-0.001	22.853	-0.001
16.232	0.014	16.259	0.014	16.289	0.012	16.310	0.009	22.887	0.001	22.919	0.002	22.943	0.002	22.970	0.002
16.329	0.007	16.356	0.002	16.380	-0.003	16.401	-0.008	23.002	0.001	23.031	0.001	23.055	-0.001	23.079	-0.001
16.422	-0.011	16.443	-0.011	16.478	-0.011	16.510	-0.008	23.109	-0.001	23.133	-0.002	23.159	-0.005	23.183	-0.009
16.531	-0.002	16.553	0.001	16.569	0.002	16.598	-0.003	23.212	-0.013	23.234	-0.015	23.266	-0.020	23.292	-0.021
16.625	-0.010	16.648	-0.015	16.675	-0.017	16.704	-0.014	23.319	-0.022	23.357	-0.019	23.384	-0.015	23.411	-0.010
16.731	-0.011	16.758	-0.013	16.787	-0.013	16.816	-0.011	23.440	-0.007	23.472	-0.004	23.507	-0.003	23.539	-0.001
16.842	-0.008	16.863	-0.004	16.890	-0.003	16.916	-0.007	23.580	-0.001	23.606	-0.002	23.644	-0.004	23.674	-0.007
16.940	-0.010	16.969	-0.011	16.995	-0.014	17.027	-0.011	23.700	-0.007	23.741	-0.003	23.765	0.002	23.797	0.007
17.050	-0.008	17.074	-0.004	17.098	-0.001	17.116	0.002	23.839	0.010	23.882	0.014	23.933	0.012	23.964	0.009
17.145	0.006	17.169	0.007	17.195	0.007	17.219	0.007	23.996	0.008	24.036	0.004	24.076	0.002	24.116	-0.002
17.245	0.007	17.269	0.008	17.288	0.008	17.314	0.009	24.143	-0.004	24.191	-0.005	24.228	-0.007	24.265	-0.007
17.336	0.014	17.357	0.019	17.378	0.025	17.410	0.027	24.310	-0.009	24.339	-0.009	24.376	-0.009	24.408	-0.009
17.451	0.025	17.485	0.024	17.499	0.020	17.520	0.018	24.448	-0.010	24.477	-0.011	24.503	-0.012	24.530	-0.010
17.557	0.014	17.589	0.010	17.619	0.006	17.640	-0.002	24.559	-0.009	24.717	-0.007	24.630	-0.004	24.654	-0.001
17.664	-0.007	17.691	-0.011	17.720	-0.011	17.752	-0.009	24.688	0.004	24.717	0.008	24.741	0.010	24.768	0.011
17.752	-0.004	17.822	-0.001	17.849	0.002	17.878	0.002	24.805	0.010	24.832	0.010	24.866	0.010	24.890	0.009
17.905	0.001	17.935	-0.003	17.967	-0.007	17.999	-0.008	24.919	0.007	24.949	0.005	24.975	0.004	25.004	0.002

25.028	0.0	25.055	0.002	25.082	0.005	25.113	0.006	32.351	-0.009	32.378	-0.011	32.411	-0.012	32.446	-0.014
25.153	0.006	25.188	0.004	25.220	0.003	25.257	0.002	32.470	-0.016	32.489	-0.018	32.516	-0.019	32.560	-0.018
25.281	0.003	25.319	0.004	25.346	0.005	25.381	0.008	32.584	-0.015	32.617	-0.010	32.652	-0.005	32.687	-0.002
25.416	0.009	25.453	0.010	25.486	0.009	25.526	0.008	32.725	0.003	32.760	0.006	32.806	0.006	32.865	0.006
25.561	0.007	25.596	0.005	25.628	0.003	25.652	0.001	32.890	0.005	32.922	0.005	32.963	0.005	32.984	0.003
25.679	-0.001	25.706	-0.003	25.736	-0.005	25.763	-0.006	33.022	0.003	33.055	0.005	33.103	0.006	33.138	0.006
25.793	-0.008	25.831	-0.010	25.864	-0.008	25.902	-0.004	33.182	0.007	33.236	0.007	33.282	0.008	33.319	0.009
25.926	0.0	25.965	0.005	26.003	0.008	26.041	0.010	33.346	0.011	33.392	0.012	33.448	0.013	33.491	0.012
26.069	0.010	26.093	0.009	26.129	0.006	26.159	0.004	33.523	0.008	33.569	0.005	33.611	0.002	33.662	0.001
26.189	0.0	26.232	-0.004	26.254	-0.007	26.287	-0.010	33.705	0.0	33.737	-0.003	33.775	-0.005	33.813	-0.007
26.314	-0.012	26.342	-0.012	26.363	-0.010	26.385	-0.009	33.850	-0.007	33.910	-0.006	33.958	-0.006	34.006	-0.008
26.418	-0.008	26.456	-0.005	26.489	-0.005	26.532	-0.005	34.041	-0.008	34.079	-0.011	34.117	-0.013	34.154	-0.015
26.576	-0.006	26.628	-0.005	26.660	-0.005	26.701	-0.007	34.192	-0.015	34.235	-0.014	34.278	-0.010	34.330	-0.008
26.718	-0.008	26.759	-0.008	26.791	-0.008	26.829	-0.007	34.368	-0.003	34.397	0.0	34.435	0.003	34.473	0.006
26.856	-0.003	26.885	-0.002	26.902	-0.001	26.934	0.003	34.522	0.008	34.571	0.007	34.611	0.006	34.646	0.002
26.956	0.006	26.980	0.008	27.001	0.010	27.028	0.012	34.682	0.0	34.722	-0.001	34.763	-0.001	34.790	-0.004
27.033	0.012	27.082	0.010	27.112	0.008	27.139	0.004	34.827	-0.006	34.854	-0.007	34.884	-0.008	34.924	-0.008
27.171	0.002	27.198	-0.001	27.222	-0.002	27.252	-0.003	34.973	-0.007	35.005	-0.006	35.034	-0.005	35.077	-0.004
27.282	-0.001	27.314	0.001	27.343	0.004	27.381	0.005	35.112	-0.003	35.147	0.0	35.185	0.001	35.228	0.001
27.416	-0.004	27.448	0.003	27.472	-0.001	27.510	-0.002	35.260	0.001	35.282	0.002	35.314	0.002	35.346	0.003
27.537	-0.002	27.564	-0.001	27.593	0.0	27.631	0.004	35.375	0.005	35.413	0.005	35.442	0.005	35.469	0.005
27.660	0.005	27.698	0.005	27.730	0.003	27.757	-0.001	35.496	0.006	35.520	0.006	35.544	0.006	35.568	0.005
27.778	-0.006	27.802	-0.012	27.829	-0.015	27.858	-0.017	35.582	0.002	35.616	0.0	35.646	-0.004	35.691	-0.006
27.888	-0.015	27.917	-0.013	27.941	-0.009	27.976	-0.008	35.734	-0.009	35.756	-0.010	35.793	-0.011	35.828	-0.012
28.013	-0.008	28.037	-0.008	28.085	-0.007	28.123	-0.006	35.860	-0.012	35.887	-0.012	35.922	-0.011	35.967	-0.010
28.152	-0.005	28.184	-0.001	28.208	-0.002	28.238	0.003	35.991	-0.008	36.021	-0.006	36.050	-0.005	36.096	-0.002
28.262	0.008	28.294	0.009	28.326	0.012	28.358	0.013	36.107	0.0	36.150	0.003	36.176	0.004	36.211	0.006
28.387	0.012	28.419	0.009	28.445	0.006	28.477	0.003	36.257	0.008	36.297	0.009	36.330	0.012	36.367	0.012
28.512	0.0	28.549	-0.004	28.581	-0.005	28.611	-0.008	36.405	0.014	36.438	0.014	36.476	0.014	36.524	0.013
28.640	-0.009	28.680	-0.008	28.712	-0.005	28.744	-0.003	36.559	0.010	36.594	0.007	36.637	0.004	36.678	-0.001
28.792	-0.002	28.824	0.001	28.853	0.003	28.880	0.005	36.711	-0.003	36.751	-0.007	36.797	-0.008	36.833	-0.008
28.910	0.007	28.934	0.009	28.963	0.010	29.001	0.009	36.869	-0.005	36.929	-0.004	36.940	-0.003	36.973	-0.002
29.036	0.005	29.071	0.002	29.108	-0.001	29.138	-0.004	37.016	-0.001	37.060	-0.001	37.093	-0.001	37.128	-0.001
29.164	-0.007	29.188	-0.009	29.223	-0.013	29.256	-0.016	37.167	-0.002	37.191	-0.004	37.224	-0.005	37.271	-0.008
29.288	-0.018	29.320	-0.019	29.361	-0.017	29.391	-0.014	37.305	-0.010	37.364	-0.011	37.405	-0.013	37.443	-0.011
29.418	-0.011	29.453	-0.008	29.483	-0.005	29.507	-0.002	37.470	-0.009	37.509	-0.007	37.550	-0.003	37.574	0.001
29.545	0.001	29.577	0.005	29.604	0.009	29.642	0.010	37.629	0.004	37.654	0.008	37.695	0.009	37.728	0.010
29.686	0.009	29.721	0.006	29.786	0.004	29.831	0.003	37.780	0.010	37.823	0.007	37.864	0.002	37.921	-0.001
29.858	0.003	29.891	0.003	29.928	0.004	29.955	0.006	37.968	-0.003	38.019	-0.007	38.068	-0.008	38.098	-0.008
29.990	0.007	30.025	0.010	30.052	0.012	30.090	0.012	38.142	-0.009	38.177	-0.009	38.207	-0.009	38.254	-0.007
30.133	0.012	30.176	0.008	30.214	0.003	30.251	-0.004	38.281	-0.004	38.327	-0.002	38.360	-0.002	38.390	0.006
30.294	-0.010	30.310	-0.015	30.343	-0.019	30.393	-0.020	38.425	0.008	38.444	0.009	38.488	0.010	38.512	0.010
30.423	-0.018	30.463	-0.014	30.487	-0.009	30.514	-0.006	38.555	0.008	38.596	0.006	38.623	0.003	38.653	0.0
30.538	-0.002	30.567	0.0	30.602	0.005	30.634	0.008	38.678	-0.005	38.705	-0.006	38.743	-0.009	38.773	-0.011
30.667	0.010	30.699	0.011	30.752	0.012	30.784	0.011	38.813	-0.012	38.856	-0.010	38.912	-0.007	38.949	-0.006
30.825	0.008	30.865	0.005	30.917	0.0	30.955	-0.002	38.986	-0.005	39.034	-0.002	39.069	-0.001	39.122	-0.001
30.987	-0.005	31.028	-0.006	31.068	-0.007	31.109	-0.008	39.168	0.001	39.202	0.002	39.234	0.0	39.266	0.0
31.133	-0.008	31.182	-0.007	31.225	-0.006	31.249	-0.004	39.309	0.0	39.351	0.002	39.385	0.003	39.421	0.004
31.282	0.0	31.322	0.001	31.349	0.002	31.390	0.003	39.450	0.005	39.482	0.007	39.513	0.009	39.545	0.008
31.409	0.003	31.436	0.001	31.476	-0.002	31.500	-0.006	39.576	0.007	39.616	0.004	39.663	0.002	39.713	-0.002
31.538	-0.010	31.573	-0.011	31.606	-0.012	31.630	-0.011	39.744	-0.004	39.770	-0.007	39.808	-0.007	39.853	-0.007
31.670	-0.008	31.711	-0.005	31.743	-0.003	31.767	-0.001	39.918	-0.007	39.942	-0.007	39.974	-0.008	40.025	-0.008
31.802	0.002	31.835	0.004	31.872	0.008	31.910	0.009	40.075	-0.008	40.129	-0.010	40.161	-0.010	40.217	-0.008
31.942	0.011	31.983	0.013	32.020	0.014	32.077	0.014	40.260	-0.005	40.293	-0.006	40.325	-0.001	40.358	0.002
32.104	0.014	32.141	0.013	32.176	0.007	32.200	0.004	40.399	0.006	40.429	0.006	40.467	0.007	40.500	0.007
32.233	-0.001	32.262	-0.005	32.292	-0.007	32.319	-0.008	40.530	0.004	40.558	0.003	40.596	0.001	40.637	-0.002

40.672	-0.003	40.711	-0.001	40.738	-0.001	40.760	0.0	47.776	0.002	47.816	0.002	47.854	0.002	47.886	0.003
40.793	0.001	40.831	0.002	40.882	0.002	40.907	0.002	47.924	0.003	47.982	0.003	48.025	0.004	48.068	0.006
40.948	0.002	40.991	0.001	41.027	0.0	41.060	0.0	48.103	0.007	48.135	0.007	48.186	0.006	48.232	0.006
41.092	0.0	41.130	-0.001	41.163	-0.002	41.196	-0.002	48.253	0.003	48.274	0.002	48.296	0.002	48.323	0.002
41.239	-0.004	41.286	-0.004	41.321	-0.003	41.370	-0.001	48.353	0.001	48.388	0.001	48.423	0.001	48.467	0.001
41.438	-0.001	41.489	-0.002	41.516	-0.002	41.565	-0.003	48.496	0.002	48.521	0.002	48.553	0.002	48.578	0.002
41.581	-0.004	41.619	-0.004	41.662	-0.004	41.717	-0.002	48.608	0.002	48.627	0.002	48.656	0.002	48.692	0.002
41.738	-0.001	41.774	0.0	41.809	0.0	41.844	0.001	48.719	0.002	48.754	0.002	48.786	0.002	48.816	0.002
41.871	0.003	41.906	0.003	41.930	0.001	41.954	0.0	48.841	0.002	48.868	0.001	48.895	0.001	48.941	0.001
41.989	-0.001	42.022	-0.004	42.062	-0.006	42.087	-0.009	48.968	0.001	48.996	0.001	49.023	0.001	49.053	0.002
42.114	-0.009	42.130	-0.009	42.151	-0.010	42.170	-0.010	49.074	0.004	49.099	0.006	49.129	0.006	49.161	0.006
42.203	-0.011	42.224	-0.011	42.249	-0.011	42.273	-0.011	49.189	0.007	49.213	0.007	49.232	0.007	49.251	0.007
42.311	-0.011	42.335	-0.010	42.354	-0.008	42.378	-0.003	49.281	0.007	49.319	0.006	49.335	0.006	49.362	0.006
42.405	-0.001	42.433	0.004	42.465	0.009	42.495	0.012	49.387	0.006	49.414	0.005	49.438	0.003	49.468	0.001
42.519	0.015	42.552	0.017	42.576	0.018	42.606	0.018	49.492	0.0	49.514	-0.002	49.535	-0.002	49.562	-0.002
42.636	0.018	42.663	0.017	42.692	0.016	42.722	0.016	49.584	-0.003	49.608	-0.003	49.638	-0.003	49.662	-0.002
42.744	0.015	42.760	0.013	42.787	0.012	42.812	0.010	49.671	0.0	49.692	0.001	49.728	0.002	49.755	0.003
42.836	0.007	42.858	0.006	42.880	0.004	42.907	0.001	49.782	0.006	49.817	0.005	49.841	0.007	49.868	0.007
42.928	-0.001	42.958	-0.003	42.983	-0.005	43.015	-0.007	49.889	0.008	49.924	0.008	49.957	0.007	49.986	0.005
43.037	-0.008	43.053	-0.010	43.081	-0.010	43.094	-0.012	50.016	0.003	50.045	0.001	50.080	-0.002	50.107	-0.003
43.119	-0.014	43.159	-0.015	43.192	-0.015	43.225	-0.015	50.140	-0.004	50.172	-0.006	50.202	-0.007	50.231	-0.007
43.257	-0.011	43.282	-0.010	43.312	-0.008	43.344	-0.005	50.253	-0.007	50.277	-0.006	50.317	-0.004	50.352	-0.003
43.368	-0.003	43.393	-0.001	43.434	0.0	43.455	0.001	50.392	-0.002	50.424	-0.001	50.472	-0.001	50.520	-0.002
43.474	0.002	43.499	0.004	43.515	0.005	43.548	0.005	50.557	-0.002	50.594	-0.002	50.629	-0.001	50.672	0.0
43.586	0.005	43.624	0.005	43.659	0.005	43.689	0.005	50.720	0.001	50.757	0.002	50.800	0.003	50.839	0.005
43.716	0.005	43.738	0.005	43.765	0.005	43.803	0.006	50.877	0.006	50.911	0.007	50.938	0.006	50.978	0.006
43.838	0.004	43.879	0.006	43.909	0.006	43.930	0.005	51.012	0.008	51.055	0.011	51.108	0.012	51.137	0.013
43.966	0.004	43.995	0.001	44.028	0.001	44.061	-0.001	51.169	0.014	51.190	0.014	51.217	0.014	51.243	0.014
44.079	-0.003	44.104	-0.005	44.134	-0.007	44.155	-0.008	51.278	0.012	51.296	0.009	51.331	0.014	51.357	0.013
44.183	-0.009	44.212	-0.010	44.245	-0.010	44.278	-0.008	51.384	0.012	51.416	0.009	51.437	0.008	51.458	0.006
44.307	-0.005	44.364	-0.003	44.386	-0.002	44.424	0.0	51.485	0.005	51.504	0.002	51.540	0.001	51.572	0.0
44.454	0.0	44.483	0.0	44.516	0.0	44.543	0.0	51.605	0.0	51.630	0.0	51.660	0.0	51.676	0.001
44.575	0.001	44.613	0.003	44.648	0.003	44.686	0.003	51.705	0.004	51.750	0.005	51.771	0.006	51.800	0.006
44.713	0.003	44.743	0.003	44.778	0.003	44.816	0.003	51.829	0.007	51.859	0.007	51.904	0.007	51.922	0.006
44.835	0.003	44.872	0.003	44.913	0.003	44.939	0.003	51.946	0.005	51.976	0.005	51.997	0.003	52.018	0.002
44.969	0.004	45.001	0.004	45.036	0.004	45.066	0.003	52.042	0.0	52.066	0.0	52.095	-0.001	52.122	-0.003
45.095	0.003	45.133	0.004	45.173	0.005	45.216	0.005	52.143	-0.003	52.167	-0.005	52.185	-0.005	52.212	-0.006
45.248	0.004	45.280	0.003	45.315	0.003	45.345	0.003	52.241	-0.006	52.278	-0.007	52.308	-0.007	52.326	-0.007
45.366	0.002	45.398	0.0	45.425	-0.003	45.449	-0.004	52.353	-0.007	52.380	-0.007	52.423	-0.006	52.449	-0.006
45.479	-0.005	45.514	-0.007	45.538	-0.007	45.573	-0.007	52.484	-0.004	52.514	-0.003	52.551	-0.003	52.578	-0.003
45.602	-0.006	45.645	-0.003	45.674	-0.001	45.715	-0.002	52.605	-0.003	52.637	-0.002	52.674	-0.001	52.714	0.0
45.744	0.003	45.790	0.004	45.830	0.006	45.854	0.007	52.746	0.0	52.789	0.001	52.837	0.004	52.878	0.004
45.881	0.008	45.919	0.009	45.956	0.009	45.997	0.008	52.815	0.006	52.953	0.007	53.004	0.007	53.039	0.007
46.037	0.008	46.083	0.008	46.107	0.008	46.136	0.007	53.076	0.006	53.114	0.004	53.149	0.002	53.178	0.001
46.174	0.006	46.214	0.007	46.239	0.007	46.279	0.007	53.216	-0.001	53.248	-0.002	53.278	-0.004	53.331	-0.006
46.324	0.006	46.367	0.006	46.399	0.003	46.445	0.001	53.356	-0.006	53.401	-0.006	53.452	-0.006	53.495	-0.004
46.477	0.0	46.512	0.0	46.549	0.003	46.587	0.004	53.530	-0.002	53.571	-0.003	53.598	-0.001	53.632	-0.001
46.611	0.005	46.640	0.006	46.667	0.006	46.697	0.008	53.673	-0.001	53.713	-0.001	53.764	-0.001	53.799	-0.001
46.729	0.008	46.761	0.006	46.785	0.006	46.809	0.006	53.834	-0.001	53.874	-0.001	53.909	0.0	53.950	0.001
46.835	0.006	46.865	0.007	46.889	0.007	46.913	0.008	53.985	0.001	54.017	0.001	54.038	0.002	54.076	0.003
46.947	0.009	46.976	0.009	47.006	0.009	47.046	0.008	54.111	0.006	54.146	0.006	54.186	0.006	54.232	0.007
47.083	0.007	47.112	0.006	47.152	0.002	47.181	0.001	54.270	0.007	54.307	0.006	54.355	0.005	54.411	0.001
47.213	0.0	47.253	-0.003	47.293	-0.004	47.335	-0.004	54.462	-0.001	54.495	-0.001	54.527	-0.001	54.572	-0.001
47.354	-0.004	47.394	-0.004	47.436	-0.003	47.460	-0.003	54.615	0.001	54.655	0.001	54.701	0.003	54.741	0.003
47.495	-0.001	47.524	0.0	47.561	0.0	47.590	0.0	54.773	0.003	54.810	0.003	54.845	0.003	54.882	0.003
47.630	0.001	47.662	0.002	47.699	0.002	47.731	0.002	54.927	0.003	54.972	0.003	55.026	0.002	55.076	0.002

55.113	0.001	55.148	0.001	55.180	0.001	55.212	0.001
55.238	0.001	55.297	0.0	55.345	0.001	55.392	0.002
55.437	0.002	55.490	0.002	55.525	0.002	55.572	0.003
55.556	0.004	55.625	0.005	55.686	0.005	55.731	0.005
55.771	0.005	55.805	0.005	55.845	0.005	55.877	0.005
55.922	0.004	55.951	0.003	55.988	0.001	56.035	-0.002
56.078	-0.003	56.112	-0.004	56.133	-0.004	56.178	-0.006
56.212	-0.006	56.247	-0.006	56.292	-0.006	56.334	-0.007
56.380	-0.005	56.417	-0.002	56.462	0.001	56.505	0.004
56.545	0.004	56.569	0.005	56.609	0.006	56.641	0.006
56.683	0.006	56.710	0.005	56.744	0.005	56.774	0.004
56.800	0.003	56.846	0.002	56.884	0.003	56.924	0.003
56.956	0.003	56.994	0.003	57.018	0.005	57.072	0.006
57.107	0.006	57.158	0.006	57.193	0.006	57.228	0.006
57.255	0.006	57.276	0.006	57.308	0.007	57.359	0.008
57.397	0.008	57.440	0.008	57.480	0.007	57.509	0.006
57.541	0.005	57.598	0.003	57.622	0.0	57.675	-0.002
57.710	-0.004	57.750	-0.005	57.804	-0.007	57.844	-0.008
57.889	-0.005	57.943	-0.004	57.988	-0.001	58.055	0.0
58.096	0.001	58.133	0.003	58.176	0.004	58.208	0.004
58.254	0.005	58.302	0.005	58.340	0.005	58.401	0.007
58.453	0.005	58.498	0.004	58.555	0.003	58.614	0.001
58.660	0.0	58.711	-0.002	58.754	0.0	58.819	0.0
58.854	0.002	58.910	0.005	58.951	0.006	59.005	0.007
59.051	0.007	59.104	0.007	59.137	0.007	59.191	0.005
59.228	0.005	59.285	0.004	59.326	0.001	59.361	0.0
59.426	-0.001	59.469	-0.001	59.512	-0.002	59.569	-0.002
59.642	-0.001	59.666	0.0	59.720	0.0	59.769	0.001
59.807	0.002	59.866	0.002	59.898	0.002	59.936	0.002
59.971	0.002	60.020	0.002	60.071	0.002	60.055	0.001
60.131	0.001	60.168	0.0	60.201	0.0	60.236	-0.001
60.276	-0.002	60.320	-0.002	60.371	-0.001	60.419	0.0
60.463	0.0	60.503	0.001	60.560	0.001	60.603	0.001
60.636	0.003	60.690	0.003	60.736	0.005	60.779	0.006
60.814	0.007	60.847	0.009	60.888	0.009	60.929	0.010
60.975	0.008	61.014	0.006	61.052	0.005	61.093	0.003
61.136	0.0	61.177	-0.002	61.218	-0.003	61.265	-0.005
61.295	-0.005	61.330	-0.005	61.365	-0.004	61.397	-0.003
61.449	-0.003	61.487	-0.003	61.530	0.0	61.582	0.001
61.620	0.001	61.657	0.001	61.704	0.001	61.744	0.0
61.787	0.0	61.822	0.0	61.838	-0.001	61.872	0.001
61.907	0.001	61.936	0.002	61.965	0.001	62.000	0.002
62.045	0.002	62.072	0.002	62.101	0.004	62.192	0.006

2324 POINTS 62.088 SECONDS

SCALEC DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0123 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.064	0.019	0.074	0.029	0.063	0.051	0.046	2.514	0.004	2.533	0.008	2.558	0.015	2.571	0.016						
0.064	0.031	0.080	0.012	0.093	0.009	0.117	0.025	2.585	0.008	2.604	0.008	2.617	0.026	2.636	0.038						
0.139	0.032	0.171	0.034	0.192	0.040	0.203	0.045	2.652	0.042	2.671	0.034	2.688	0.024	2.704	0.010						
0.224	0.036	0.245	0.025	0.270	0.017	0.297	0.012	2.720	0.001	2.731	0.003	2.761	0.002	2.780	0.0						
0.324	0.006	0.334	0.010	0.351	0.024	0.364	0.037	2.804	0.006	2.828	0.014	2.842	0.020	2.850	0.021						
0.378	0.041	0.386	0.038	0.397	0.017	0.407	0.003	2.861	0.016	2.883	0.010	2.902	0.002	2.923	0.002						
0.421	0.025	0.437	0.039	0.442	0.039	0.461	0.032	2.942	0.004	2.970	0.004	2.980	0.001	3.002	0.002						
0.475	0.028	0.488	0.033	0.497	0.033	0.515	0.023	3.024	0.011	3.040	0.016	3.054	0.016	3.070	0.011						
0.529	0.005	0.540	0.014	0.551	0.033	0.567	0.045	3.086	0.001	3.105	0.006	3.122	0.010	3.138	0.012						
0.569	0.046	0.586	0.037	0.602	0.020	0.623	0.005	3.162	0.013	3.181	0.011	3.198	0.007	3.219	0.0						
0.645	0.012	0.664	0.019	0.677	0.021	0.691	0.015	3.230	0.003	3.241	0.005	3.257	0.002	3.281	0.009						
0.713	0.012	0.721	0.012	0.732	0.016	0.753	0.021	3.295	0.002	3.315	0.011	3.333	0.025	3.344	0.029						
0.761	0.021	0.777	0.014	0.796	0.010	0.807	0.005	3.357	0.022	3.370	0.010	3.383	0.001	3.396	0.011						
0.826	0.014	0.839	0.023	0.858	0.031	0.863	0.032	3.410	0.022	3.428	0.023	3.444	0.019	3.462	0.010						
0.874	0.025	0.890	0.012	0.904	0.002	0.917	0.012	3.481	0.002	3.499	0.003	3.512	0.004	3.536	0.004						
0.928	0.014	0.939	0.006	0.955	0.005	0.968	0.012	3.555	0.005	3.568	0.008	3.586	0.013	3.599	0.020						
0.977	0.013	0.990	0.003	1.012	0.008	1.022	0.015	3.610	0.027	3.626	0.033	3.631	0.033	3.649	0.026						
1.033	0.015	1.047	0.012	1.065	0.004	1.087	0.013	3.663	0.016	3.678	0.021	3.697	0.002	3.710	0.007						
1.106	0.027	1.119	0.036	1.127	0.039	1.133	0.034	3.726	0.015	3.750	0.021	3.763	0.021	3.784	0.014						
1.154	0.014	1.170	0.0	1.195	0.009	1.211	0.009	3.800	0.008	3.816	0.006	3.829	0.007	3.842	0.015						
1.224	0.011	1.243	0.019	1.262	0.032	1.273	0.039	3.858	0.022	3.882	0.031	3.900	0.027	3.918	0.013						
1.281	0.040	1.300	0.032	1.316	0.015	1.332	0.003	3.942	0.001	3.958	0.011	3.977	0.018	4.003	0.024						
1.343	0.003	1.354	0.011	1.364	0.035	1.378	0.056	4.027	0.027	4.048	0.016	4.069	0.002	4.090	0.013						
1.389	0.062	1.395	0.054	1.410	0.035	1.424	0.007	4.103	0.018	4.114	0.017	4.130	0.009	4.143	0.005						
1.434	0.022	1.448	0.041	1.459	0.052	1.467	0.036	4.156	0.019	4.174	0.025	4.198	0.030	4.219	0.030						
1.488	0.043	1.504	0.033	1.521	0.018	1.545	0.004	4.240	0.025	4.259	0.012	4.270	0.003	4.284	0.024						
1.561	0.007	1.580	0.014	1.599	0.021	1.618	0.011	4.306	0.039	4.317	0.043	4.331	0.036	4.359	0.024						
1.637	0.003	1.658	0.012	1.680	0.012	1.690	0.013	4.374	0.017	4.393	0.021	4.407	0.024	4.426	0.015						
1.712	0.029	1.728	0.035	1.734	0.042	1.747	0.032	4.440	0.0	4.459	0.015	4.478	0.022	4.500	0.013						
1.766	0.010	1.779	0.004	1.798	0.013	1.825	0.015	4.522	0.001	4.544	0.010	4.560	0.022	4.580	0.035						
1.842	0.018	1.863	0.020	1.882	0.015	1.906	0.008	4.593	0.044	4.604	0.046	4.621	0.034	4.640	0.016						
1.928	0.0	1.952	0.006	1.979	0.015	2.003	0.022	4.664	0.002	4.686	0.012	4.703	0.020	4.714	0.027						
2.014	0.023	2.028	0.015	2.041	0.0	2.057	0.022	4.733	0.033	4.755	0.038	4.768	0.041	4.785	0.035						
2.071	0.041	2.087	0.052	2.101	0.043	2.111	0.031	4.801	0.021	4.818	0.013	4.840	0.008	4.856	0.008						
2.120	0.018	2.136	0.008	2.144	0.007	2.157	0.014	4.873	0.008	4.886	0.005	4.900	0.001	4.919	0.008						
2.176	0.022	2.182	0.024	2.198	0.018	2.214	0.012	4.930	0.014	4.941	0.019	4.955	0.018	4.971	0.006						
2.227	0.003	2.244	0.007	2.255	0.016	2.268	0.023	4.985	0.008	4.999	0.025	5.010	0.037	5.026	0.048						
2.276	0.024	2.295	0.019	2.306	0.017	2.328	0.023	5.040	0.056	5.052	0.053	5.062	0.040	5.084	0.028						
2.349	0.030	2.363	0.023	2.382	0.010	2.395	0.001	5.055	0.022	5.114	0.022	5.131	0.022	5.141	0.016						
2.411	0.005	2.439	0.003	2.468	0.0	2.490	0.003	5.158	0.007	5.169	0.006	5.185	0.017	5.202	0.024						

5.218	-0.026	5.238	-0.027	5.262	-0.024	5.283	-0.020	9.118	0.029	9.140	0.031	9.166	0.028	9.190	0.024
5.299	-0.011	5.313	-0.004	5.329	0.001	5.345	0.007	9.214	0.025	9.236	0.025	9.265	0.018	9.281	0.011
5.355	0.010	5.369	0.007	5.385	0.004	5.393	-0.005	9.299	-0.004	9.331	-0.006	9.352	-0.018	9.352	-0.032
5.403	-0.016	5.411	-0.026	5.419	-0.036	5.436	-0.045	9.371	-0.046	9.392	-0.057	9.408	-0.059	9.432	-0.052
5.446	-0.054	5.457	-0.059	5.468	-0.051	5.486	-0.040	9.450	-0.045	9.469	-0.037	9.482	-0.026	9.493	-0.018
5.494	-0.029	5.508	-0.019	5.521	-0.010	5.534	-0.003	9.503	-0.009	9.511	0.001	9.522	0.009	9.532	0.016
5.548	0.003	5.561	0.008	5.583	0.014	5.593	0.014	9.554	-0.020	9.572	0.025	9.591	0.029	9.615	0.034
5.609	0.008	5.631	0.0	5.644	-0.006	5.655	-0.006	9.628	0.038	9.638	0.039	9.654	0.034	9.686	0.025
5.673	-0.003	5.695	0.002	5.711	0.004	5.732	0.0	9.694	0.017	9.713	0.009	9.718	0.0	9.736	-0.009
5.754	-0.007	5.772	-0.013	5.785	-0.016	5.803	-0.019	9.750	-0.016	9.766	-0.022	9.779	-0.029	9.787	-0.031
5.827	-0.015	5.848	-0.009	5.869	-0.006	5.895	-0.005	9.800	-0.033	9.811	-0.033	9.821	-0.030	9.842	-0.025
5.916	-0.001	5.932	0.009	5.951	0.018	5.961	0.027	9.856	-0.019	9.874	-0.010	9.893	0.0	9.906	0.012
5.974	0.028	5.993	0.021	6.006	0.012	6.019	0.005	9.922	0.025	9.935	0.033	9.946	0.035	9.962	0.033
6.037	-0.001	6.066	0.005	6.095	0.007	6.127	0.006	9.977	0.021	9.991	0.013	10.004	0.004	10.020	-0.009
6.153	0.007	6.169	0.008	6.192	0.006	6.216	0.0	10.033	-0.021	10.052	-0.030	10.068	-0.032	10.086	-0.029
6.245	-0.005	6.264	-0.008	6.282	-0.009	6.301	-0.001	10.097	-0.023	10.110	-0.011	10.123	-0.001	10.136	0.008
6.314	0.006	6.330	0.013	6.341	0.019	6.354	0.018	10.142	0.015	10.152	0.025	10.168	0.034	10.184	0.041
6.375	0.014	6.383	0.013	6.405	0.015	6.426	0.012	10.203	0.045	10.224	0.040	10.245	0.034	10.264	0.021
6.436	0.004	6.450	-0.006	6.468	-0.017	6.487	-0.030	10.277	0.013	10.301	0.005	10.320	0.009	10.333	0.014
6.503	-0.035	6.524	-0.030	6.543	-0.025	6.564	-0.022	10.352	0.018	10.365	0.013	10.389	0.008	10.397	0.004
6.588	-0.023	6.615	-0.016	6.639	-0.010	6.657	-0.008	10.413	0.001	10.435	0.005	10.454	0.009	10.478	0.013
6.581	-0.009	6.705	-0.004	6.721	0.002	6.737	0.006	10.499	0.017	10.523	0.020	10.547	0.026	10.563	0.028
6.756	0.010	6.775	0.004	6.785	-0.005	6.796	-0.011	10.579	0.032	10.601	0.029	10.609	0.026	10.630	0.020
6.810	-0.021	6.828	-0.037	6.842	-0.049	6.855	-0.052	10.654	0.009	10.673	-0.003	10.686	-0.015	10.705	-0.030
6.874	-0.045	6.893	-0.030	6.907	-0.008	6.917	0.011	10.726	-0.040	10.745	-0.048	10.767	-0.051	10.780	-0.055
6.928	0.029	6.942	0.043	6.960	0.050	6.979	0.050	10.799	-0.055	10.821	-0.050	10.839	-0.038	10.858	-0.024
6.993	0.050	7.006	0.052	7.030	0.055	7.044	0.049	10.875	-0.014	10.899	-0.009	10.931	-0.006	10.964	-0.008
7.065	0.039	7.076	0.031	7.081	0.027	7.098	0.023	10.985	-0.016	11.007	-0.020	11.028	-0.016	11.050	-0.008
7.114	0.027	7.130	0.028	7.143	0.029	7.160	0.022	11.072	0.005	11.107	0.023	11.127	0.023	11.144	0.019
7.173	0.008	7.186	-0.008	7.205	-0.025	7.216	-0.033	11.169	0.013	11.193	0.009	11.212	0.009	11.244	0.013
7.232	-0.025	7.248	-0.012	7.262	0.002	7.280	0.006	11.266	0.016	11.290	0.019	11.317	0.021	11.349	0.021
7.302	0.010	7.326	0.006	7.342	0.001	7.360	-0.007	11.376	0.020	11.403	0.018	11.427	0.025	11.446	0.022
7.387	-0.020	7.417	-0.029	7.435	-0.026	7.462	-0.021	11.470	0.024	11.497	0.028	11.524	0.025	11.545	0.020
7.486	-0.015	7.521	-0.007	7.550	0.0	7.571	0.004	11.564	0.014	11.580	0.008	11.602	-0.009	11.631	-0.023
7.587	-0.001	7.603	-0.008	7.620	-0.022	7.636	-0.032	11.653	-0.030	11.683	-0.035	11.704	-0.040	11.728	-0.046
7.646	-0.037	7.657	-0.031	7.670	-0.022	7.681	-0.008	11.750	-0.050	11.792	-0.041	11.824	-0.032	11.856	-0.024
7.697	0.005	7.708	0.014	7.721	0.018	7.740	0.018	11.889	-0.012	11.913	0.0	11.945	0.006	11.982	0.001
7.758	0.013	7.774	0.006	7.788	-0.001	7.801	-0.011	12.006	-0.001	12.046	-0.001	12.067	-0.006	12.094	-0.011
7.812	-0.023	7.822	-0.036	7.836	-0.044	7.846	-0.050	12.134	-0.014	12.158	-0.015	12.196	-0.013	12.217	-0.010
7.849	-0.050	7.868	-0.042	7.884	-0.031	7.892	-0.021	12.244	-0.006	12.262	-0.005	12.289	-0.002	12.324	0.001
7.905	-0.008	7.918	-0.003	7.934	0.006	7.953	0.002	12.351	0.009	12.375	0.017	12.394	0.024	12.420	0.030
7.980	-0.006	7.990	-0.005	8.009	-0.005	8.030	0.001	12.455	0.027	12.490	0.025	12.509	0.018	12.530	0.011
8.052	0.004	8.070	0.008	8.089	0.016	8.105	0.030	12.554	0.0	12.576	-0.008	12.605	-0.016	12.640	-0.017
8.124	0.042	8.134	0.047	8.150	0.051	8.166	0.044	12.669	-0.015	12.710	-0.012	12.734	-0.008	12.763	-0.006
8.185	0.030	8.209	0.016	8.230	0.009	8.257	0.005	12.790	-0.010	12.819	-0.017	12.849	-0.017	12.886	-0.013
8.284	0.001	8.300	-0.004	8.319	-0.012	8.340	-0.016	12.916	-0.008	12.940	-0.003	12.967	0.001	12.991	0.006
8.359	-0.017	8.380	-0.018	8.402	-0.021	8.421	-0.031	13.020	0.012	13.047	0.016	13.079	0.019	13.106	0.017
8.439	-0.041	8.450	-0.045	8.469	-0.034	8.488	-0.021	13.133	0.015	13.165	0.008	13.191	0.001	13.216	-0.007
8.501	-0.010	8.512	0.005	8.525	0.014	8.552	0.018	13.237	-0.015	13.253	-0.019	13.272	-0.018	13.301	-0.012
8.579	0.016	8.603	0.015	8.624	0.012	8.651	0.009	13.322	-0.003	13.343	0.003	13.365	0.009	13.394	0.015
8.675	0.014	8.697	0.019	8.718	0.021	8.742	0.017	13.418	-0.018	13.444	0.019	13.492	0.015	13.514	0.008
8.769	0.011	8.788	0.003	8.798	-0.010	8.820	-0.023	13.535	-0.002	13.556	-0.011	13.575	-0.021	13.601	-0.033
8.833	-0.038	8.852	-0.051	8.868	-0.059	8.889	-0.061	13.620	-0.042	13.631	-0.041	13.652	-0.031	13.673	-0.014
8.913	-0.035	8.932	-0.035	8.948	-0.021	8.961	-0.004	13.689	0.003	13.705	0.012	13.721	0.021	13.740	0.025
8.974	0.004	8.993	0.009	9.014	0.004	9.033	-0.002	13.766	0.020	13.782	0.014	13.804	0.006	13.820	-0.002
9.054	-0.005	9.070	0.002	9.086	0.012	9.102	0.022	13.838	-0.009	13.857	-0.016	13.884	-0.019	13.910	-0.015

26.182	-0.003	26.195	0.002	26.231	0.0	26.253	-0.001	33.198	-0.008	33.228	-0.009	33.271	-0.008	33.311	-0.010
26.280	-0.003	26.302	-0.004	26.326	-0.007	26.364	-0.008	33.344	-0.008	33.376	-0.004	33.408	-0.002	33.443	0.001
26.408	-0.010	26.451	-0.010	26.479	-0.010	26.503	-0.008	33.488	0.006	33.529	0.009	33.563	0.008	33.606	0.011
26.533	-0.008	26.555	-0.006	26.588	-0.003	26.618	-0.003	33.652	0.010	33.687	0.010	33.722	0.008	33.756	0.007
26.637	-0.006	26.661	-0.006	26.694	-0.006	26.721	-0.006	33.778	0.004	33.805	0.002	33.829	0.0	33.864	-0.004
26.759	-0.003	26.794	-0.003	26.835	-0.003	26.867	-0.004	33.896	-0.006	33.923	-0.007	33.953	-0.007	33.991	-0.007
26.897	-0.006	26.932	-0.006	26.967	-0.007	26.991	-0.006	34.026	-0.007	34.053	-0.006	34.085	-0.005	34.109	-0.003
27.010	-0.006	27.042	-0.006	27.077	-0.005	27.107	-0.005	34.141	-0.001	34.168	-0.001	34.198	0.0	34.217	0.0
27.134	-0.005	27.150	-0.004	27.172	-0.004	27.190	-0.004	34.263	0.0	34.300	0.0	34.333	-0.002	34.376	-0.002
27.217	-0.003	27.239	-0.002	27.271	-0.002	27.314	-0.002	34.411	-0.004	34.447	-0.007	34.476	-0.007	34.509	-0.007
27.346	-0.001	27.379	0.002	27.411	0.005	27.434	0.008	34.544	-0.008	34.585	-0.008	34.612	-0.008	34.650	-0.007
27.467	0.009	27.502	0.009	27.529	0.009	27.561	0.009	34.682	-0.007	34.715	-0.006	34.742	-0.005	34.777	-0.005
27.591	0.010	27.626	0.011	27.652	0.011	27.698	0.009	34.814	-0.005	34.841	-0.003	34.865	-0.002	34.889	-0.002
27.719	0.008	27.741	0.005	27.773	0.002	27.802	0.0	34.916	-0.002	34.949	-0.002	34.994	-0.003	35.029	-0.005
27.829	-0.003	27.858	-0.004	27.899	-0.006	27.933	-0.008	35.051	-0.006	35.094	-0.007	35.115	-0.008	35.145	-0.007
27.976	-0.009	28.029	-0.011	28.061	-0.012	28.115	-0.010	35.185	-0.007	35.201	-0.007	35.247	-0.005	35.287	-0.008
28.144	-0.009	28.176	-0.008	28.198	-0.005	28.222	-0.003	35.327	-0.010	35.362	-0.009	35.402	-0.007	35.434	-0.004
28.254	-0.001	28.286	0.0	28.318	0.003	28.371	0.004	35.467	-0.002	35.512	0.0	35.542	0.0	35.568	0.0
28.400	0.004	28.435	0.004	28.485	0.001	28.515	0.001	35.603	0.003	35.630	0.002	35.662	0.0	35.691	0.002
28.549	0.001	28.592	0.001	28.642	0.001	28.680	0.001	35.732	0.003	35.769	0.003	35.807	0.005	35.842	0.006
28.714	0.003	28.746	0.004	28.776	0.004	28.808	-0.001	35.876	0.008	35.909	0.009	35.941	0.009	35.994	0.009
28.840	-0.005	28.883	-0.007	28.918	-0.008	28.947	-0.007	36.024	0.008	36.053	0.007	36.088	0.005	36.128	0.002
28.977	-0.006	29.022	-0.004	29.063	-0.001	29.100	0.0	36.161	0.001	36.190	0.0	36.220	-0.001	36.263	0.0
29.135	0.002	29.165	0.003	29.205	0.006	29.234	0.006	36.298	-0.002	36.330	-0.006	36.368	-0.007	36.406	-0.010
29.277	0.007	29.315	0.008	29.356	0.008	29.386	0.008	36.441	-0.010	36.476	-0.009	36.509	-0.008	36.552	-0.006
29.410	0.009	29.440	0.009	29.475	0.010	29.505	0.009	36.576	-0.005	36.627	-0.004	36.679	-0.004	36.698	-0.004
29.543	0.008	29.583	0.009	29.618	0.008	29.651	0.007	36.736	-0.001	36.771	0.0	36.818	-0.001	36.848	0.0
29.705	0.007	29.740	0.007	29.775	0.005	29.824	0.003	36.880	0.0	36.902	0.0	36.963	0.001	37.001	0.001
29.856	0.001	29.899	-0.001	29.929	-0.003	29.961	-0.005	37.031	0.001	37.064	0.001	37.088	0.001	37.129	0.001
29.993	-0.006	30.031	-0.009	30.066	-0.011	30.101	-0.013	37.157	0.001	37.187	0.001	37.222	0.002	37.272	0.005
30.133	-0.010	30.176	-0.008	30.198	-0.007	30.228	-0.006	37.296	0.005	37.332	0.004	37.373	0.004	37.406	0.004
30.265	-0.006	30.297	-0.006	30.327	-0.004	30.361	-0.003	37.441	0.004	37.466	0.004	37.499	0.003	37.534	0.002
30.396	-0.003	30.436	-0.002	30.465	-0.003	30.509	-0.004	37.564	0.003	37.600	0.003	37.636	0.003	37.657	0.002
30.549	-0.006	30.592	-0.005	30.624	-0.003	30.667	-0.003	37.677	0.002	37.699	0.0	37.720	-0.002	37.742	-0.003
30.712	-0.002	30.750	-0.001	30.769	-0.002	30.817	-0.005	37.767	-0.004	37.789	-0.006	37.816	-0.007	37.840	-0.008
30.850	-0.006	30.877	-0.006	30.915	-0.006	30.939	-0.006	37.873	-0.009	37.895	-0.009	37.938	-0.009	37.968	-0.009
30.969	-0.003	30.993	-0.003	31.023	-0.005	31.047	-0.006	38.015	-0.008	38.047	-0.007	38.077	-0.005	38.102	-0.004
31.066	-0.006	31.088	-0.006	31.104	-0.003	31.131	-0.002	38.127	-0.002	38.146	0.001	38.173	0.002	38.200	0.004
31.166	-0.001	31.196	0.001	31.228	0.002	31.255	0.002	38.233	0.004	38.271	0.007	38.293	0.008	38.312	0.007
31.277	0.001	31.315	0.0	31.347	0.0	31.363	-0.001	38.344	0.007	38.374	0.006	38.415	0.004	38.439	0.003
31.393	-0.001	31.428	-0.004	31.460	-0.004	31.493	-0.004	38.469	-0.001	38.491	0.0	38.524	-0.001	38.559	-0.002
31.522	-0.004	31.552	-0.004	31.595	-0.004	31.617	-0.004	38.594	-0.002	38.632	-0.001	38.670	0.0	38.703	0.0
31.644	-0.004	31.663	-0.004	31.687	-0.004	31.706	-0.002	38.736	0.0	38.770	0.0	38.800	-0.001	38.842	-0.002
31.754	0.0	31.781	0.002	31.811	0.004	31.827	0.005	38.850	-0.005	38.917	-0.007	38.957	-0.007	38.981	-0.007
31.854	0.005	31.878	0.005	31.908	0.006	31.929	0.005	39.018	-0.008	39.042	-0.007	39.072	-0.007	39.098	-0.006
31.956	0.004	31.988	0.001	32.010	0.0	32.037	-0.002	39.117	-0.005	39.146	-0.002	39.200	-0.001	39.213	0.001
32.069	-0.003	32.093	-0.006	32.115	-0.006	32.133	-0.006	39.234	0.002	39.258	0.005	39.290	0.005	39.316	0.005
32.150	-0.006	32.171	-0.005	32.187	-0.005	32.209	-0.002	39.345	0.006	39.363	0.006	39.400	0.007	39.431	0.005
32.233	0.001	32.263	0.002	32.292	0.001	32.328	0.001	39.452	0.005	39.481	0.005	39.515	0.002	39.544	0.001
32.341	0.001	32.365	0.0	32.395	0.0	32.430	0.0	39.570	0.0	39.594	0.0	39.631	0.001	39.662	0.001
32.460	0.001	32.485	0.001	32.517	0.002	32.558	0.002	39.696	0.002	39.717	0.003	39.746	0.005	39.784	0.006
32.593	0.001	32.620	0.001	32.650	0.0	32.674	0.0	39.813	0.004	39.848	0.002	39.880	0.001	39.923	-0.001
32.696	-0.002	32.720	0.0	32.750	0.001	32.782	0.003	39.944	-0.004	39.979	-0.007	40.009	-0.011	40.041	-0.012
32.804	0.002	32.828	0.004	32.852	0.007	32.888	0.005	40.068	-0.012	40.102	-0.010	40.127	-0.007	40.169	-0.005
32.923	0.004	32.950	0.003	32.977	0.002	32.998	-0.001	40.201	-0.002	40.234	0.002	40.261	0.003	40.302	0.004
33.044	-0.003	33.090	-0.005	33.131	-0.007	33.171	-0.007	40.337	0.004	40.381	0.005	40.416	0.006	40.457	0.004

40.490	0.003	40.529	0.001	40.569	0.0	40.608	0.0	48.114	-0.002	48.141	-0.001	48.183	0.001	48.229	0.003
40.641	-0.001	40.671	-0.001	40.701	-0.001	40.736	-0.001	48.280	0.006	48.356	0.008	48.397	0.008	48.424	0.009
40.763	-0.001	40.793	-0.004	40.818	-0.005	40.862	-0.005	48.456	0.011	48.521	0.011	48.543	0.011	48.584	0.011
40.897	-0.003	40.943	-0.003	40.981	-0.003	41.017	-0.002	48.619	0.011	48.649	0.012	48.679	0.012	48.703	0.012
41.055	-0.002	41.096	-0.002	41.137	-0.001	41.178	0.0	48.733	0.012	48.765	0.012	48.790	0.011	48.817	0.009
41.213	0.0	41.243	0.002	41.270	0.004	41.305	0.003	48.839	0.006	48.874	0.004	48.896	0.003	48.928	0.0
41.351	0.003	41.389	0.002	41.433	0.001	41.476	0.0	48.958	-0.001	48.986	-0.001	49.007	-0.001	49.040	-0.001
41.528	-0.002	41.557	-0.004	41.571	-0.005	41.606	-0.006	49.064	-0.002	49.083	-0.002	49.108	-0.003	49.132	-0.003
41.658	-0.007	41.701	-0.008	41.744	-0.006	41.801	-0.005	49.157	-0.003	49.184	-0.003	49.211	-0.003	49.236	-0.002
41.871	-0.001	41.936	0.001	42.006	0.003	42.049	0.003	49.263	-0.002	49.298	-0.001	49.328	-0.001	49.355	0.0
42.074	0.003	42.111	0.003	42.144	0.003	42.171	0.003	49.376	0.001	49.411	0.001	49.444	0.002	49.474	0.004
42.198	0.002	42.227	0.002	42.244	0.002	42.271	0.002	49.509	0.002	49.552	0.002	49.590	0.001	49.625	0.001
42.295	-0.001	42.322	-0.003	42.352	-0.004	42.395	-0.005	49.655	-0.001	49.688	-0.002	49.720	-0.003	49.744	-0.003
42.425	-0.005	42.479	-0.004	42.501	-0.004	42.539	-0.004	49.777	-0.002	49.820	-0.003	49.852	-0.003	49.887	-0.005
42.568	-0.003	42.604	-0.001	42.639	0.0	42.677	0.0	49.914	-0.005	49.949	-0.002	49.976	-0.003	50.011	-0.003
42.712	0.001	42.736	0.003	42.763	0.003	42.785	0.005	50.032	-0.003	50.065	-0.003	50.108	-0.005	50.143	-0.005
42.815	0.005	42.831	0.005	42.856	0.005	42.869	0.006	50.175	-0.003	50.221	-0.002	50.245	-0.002	50.288	0.0
42.894	0.006	42.924	0.005	42.948	0.005	42.973	0.005	50.328	0.001	50.378	0.002	50.424	0.005	50.472	0.006
43.000	0.005	43.032	0.004	43.060	0.003	43.092	0.003	50.496	0.005	50.528	0.005	50.560	0.006	50.610	0.007
43.125	0.003	43.147	0.003	43.163	0.003	43.176	0.003	50.645	0.007	50.690	0.008	50.730	0.008	50.762	0.008
43.195	0.003	43.231	0.003	43.261	0.003	43.277	0.003	50.802	0.008	50.845	0.010	50.887	0.010	50.927	0.008
43.259	0.002	43.337	0.001	43.377	-0.002	43.413	-0.003	50.964	0.007	50.993	0.007	51.036	0.007	51.070	0.006
43.448	-0.003	43.502	0.0	43.537	0.001	43.575	0.001	51.092	0.005	51.121	0.004	51.158	0.004	51.190	0.003
43.603	0.002	43.643	0.002	43.673	0.002	43.700	0.002	51.227	0.002	51.248	0.0	51.280	0.003	51.307	-0.001
43.727	0.007	43.776	0.003	43.806	0.001	43.839	0.0	51.352	-0.002	51.392	-0.002	51.407	-0.002	51.439	0.0
43.871	0.001	43.901	0.002	43.934	0.004	43.958	0.004	51.476	-0.001	51.503	-0.001	51.529	-0.001	51.553	-0.001
43.982	0.004	44.031	0.003	44.069	0.001	44.110	0.0	51.583	-0.001	51.612	0.0	51.651	-0.001	51.683	-0.001
44.145	0.0	44.172	0.0	44.194	-0.001	44.221	-0.002	51.705	-0.001	51.728	0.0	51.760	0.003	51.781	0.004
44.257	0.0	44.281	0.002	44.313	0.001	44.340	0.001	51.811	0.001	51.845	0.004	51.874	0.005	51.906	0.005
44.384	0.001	44.422	0.001	44.451	0.001	44.481	0.0	51.933	0.006	51.965	0.006	51.994	0.006	52.023	0.005
44.511	-0.001	44.535	-0.001	44.557	-0.003	44.589	-0.004	52.052	0.004	52.090	0.002	52.121	0.001	52.151	0.0
44.627	-0.004	44.654	-0.002	44.695	-0.002	44.736	-0.003	52.180	-0.001	52.209	-0.003	52.225	-0.004	52.270	-0.002
44.765	-0.001	44.800	-0.001	44.830	-0.003	44.864	-0.003	52.305	-0.005	52.343	-0.005	52.367	-0.005	52.401	-0.004
44.886	-0.004	44.918	-0.004	44.956	-0.005	44.988	-0.005	52.434	-0.002	52.471	-0.001	52.508	0.001	52.554	0.002
45.017	-0.004	45.058	-0.003	45.093	0.0	45.144	0.002	52.581	0.002	52.615	0.003	52.647	0.006	52.690	0.007
45.171	0.005	45.195	0.006	45.216	0.006	45.246	0.007	52.730	0.007	52.760	0.009	52.773	0.009	52.808	0.009
45.275	0.008	45.305	0.007	45.340	0.005	45.377	0.004	52.851	0.009	52.891	0.009	52.924	0.009	52.964	0.009
45.415	0.004	45.457	0.002	45.490	0.001	45.530	-0.001	52.996	0.009	53.028	0.009	53.068	0.009	53.098	0.008
45.559	-0.002	45.586	-0.002	45.618	-0.003	45.650	0.0	53.149	0.006	53.187	0.005	53.219	0.004	53.254	0.004
45.693	0.001	45.734	0.005	45.766	0.008	45.793	0.009	53.291	0.004	53.329	0.002	53.367	0.0	53.415	-0.001
45.830	0.010	45.865	0.012	45.895	0.013	45.927	0.012	53.466	-0.001	53.493	-0.002	53.536	-0.002	53.571	-0.003
45.957	0.012	45.981	0.012	46.019	0.011	46.035	0.010	53.611	-0.004	53.654	-0.004	53.684	-0.003	53.724	-0.001
46.072	0.008	46.105	0.010	46.139	0.011	46.166	0.011	53.751	-0.001	53.783	-0.001	53.816	-0.001	53.848	0.001
46.191	0.011	46.223	0.011	46.247	0.011	46.274	0.011	53.880	0.002	53.912	0.003	53.945	0.004	53.974	0.005
46.306	0.009	46.341	0.005	46.373	0.004	46.400	0.003	54.020	0.005	54.063	0.007	54.098	0.008	54.130	0.008
46.440	0.002	46.469	0.002	46.507	0.001	46.547	0.001	54.162	0.007	54.189	0.008	54.227	0.007	54.264	0.007
46.584	0.001	46.606	0.002	46.638	0.002	46.670	0.002	54.302	0.007	54.339	0.006	54.363	0.006	54.414	0.005
46.702	0.002	46.745	0.002	46.772	0.002	46.798	0.0	54.457	0.003	54.500	0.004	54.535	0.002	54.567	0.002
46.838	-0.001	46.857	-0.001	46.928	-0.001	46.982	-0.001	54.599	0.001	54.634	0.001	54.661	0.001	54.695	0.0
47.014	0.0	47.051	0.001	47.085	0.002	47.120	0.003	54.730	0.0	54.757	0.0	54.781	0.0	54.815	0.0
47.160	0.003	47.200	0.005	47.237	0.006	47.269	0.008	54.850	-0.002	54.887	-0.002	54.911	-0.002	54.932	-0.002
47.301	0.008	47.330	0.008	47.380	0.009	47.412	0.010	54.970	-0.002	54.991	-0.002	55.015	0.0	55.044	0.001
47.442	0.010	47.479	0.010	47.511	0.008	47.550	0.007	55.065	0.001	55.087	0.002	55.111	0.005	55.140	0.005
47.550	0.004	47.646	0.002	47.702	0.0	47.739	-0.001	55.174	0.005	55.204	0.005	55.230	0.006	55.252	0.006
47.776	-0.002	47.811	-0.003	47.849	-0.006	47.894	-0.006	55.281	0.007	55.307	0.005	55.334	0.005	55.358	0.005
47.937	-0.007	47.991	-0.008	48.025	-0.006	48.074	-0.005	55.387	0.005	55.418	0.005	55.448	0.004	55.471	0.004

55.501	0.004	55.522	0.004	55.543	0.004	55.564	0.004
55.588	0.005	55.622	0.005	55.654	0.005	55.675	0.005
55.715	0.004	55.734	0.004	55.758	0.004	55.787	0.004
55.813	0.001	55.861	0.0	55.887	0.0	55.924	0.0
55.966	0.001	55.998	0.001	56.019	0.002	56.046	0.002
56.075	0.002	56.098	0.002	56.122	0.002	56.156	0.004
56.193	0.004	56.220	0.004	56.252	0.005	56.276	0.005
56.310	0.006	56.348	0.006	56.401	0.006	56.425	0.006
56.459	0.006	56.491	0.005	56.523	0.004	56.561	0.004
56.582	0.004	56.611	0.004	56.630	0.002	56.651	0.002
56.688	0.002	56.723	0.002	56.755	0.002	56.774	0.002
56.801	0.002	56.836	0.004	56.865	0.004	56.892	0.004
56.935	0.005	56.965	0.005	56.992	0.005	57.021	0.003
57.056	0.003	57.091	0.002	57.121	0.002	57.145	0.002
57.174	0.002	57.207	0.002	57.236	0.002	57.263	0.002
57.290	0.001	57.311	0.001	57.349	0.001	57.397	0.001
57.410	0.001	57.442	0.0	57.477	0.0	57.504	-0.001
57.536	-0.001	57.563	-0.001	57.584	-0.002	57.611	-0.002
57.633	-0.002	57.667	-0.002	57.686	-0.002	57.710	0.0
57.734	0.0	57.753	0.0	57.774	0.0	57.804	0.0
57.831	0.0	57.871	0.0	57.908	0.0	57.938	-0.001
57.970	-0.003	58.010	-0.005	58.034	-0.005	58.066	-0.005
58.098	-0.005	58.131	-0.004	58.176	-0.004	58.211	-0.002
58.243	-0.001	58.281	0.0	58.326	0.002	58.364	0.004
58.415	0.005	58.453	0.006	58.496	0.007	58.536	0.008
58.566	0.008	58.612	0.008	58.641	0.009	58.660	0.009
58.690	0.007	58.722	0.005	58.738	0.005	58.760	0.009
58.784	0.006	58.814	0.004	58.841	0.003	58.870	0.003
58.903	0.003	58.932	0.002	58.965	0.002	58.992	0.002
59.040	0.001	59.064	-0.001	59.086	0.001	59.110	0.001
59.143	0.002	59.175	0.003	59.207	0.004	59.232	0.004
59.250	0.005	59.288	0.005	59.321	0.005	59.356	0.007
59.410	0.007	59.429	0.007	59.475	0.008	59.494	0.008
59.532	0.008	59.572	0.007	59.604	0.005	59.648	0.005
59.672	0.004	59.691	0.004	59.723	0.003	59.748	0.005
59.777	0.005	59.821	0.003	59.864	0.003	59.893	0.003
59.926	0.003	59.961	0.003	60.007	0.003	60.026	0.003
60.055	0.002	60.088	0.002	60.109	0.002	60.128	0.001
60.155	0.001	60.177	0.001	60.198	-0.001	60.220	-0.001
60.244	-0.001	60.274	0.001	60.307	-0.003	60.339	-0.004
60.371	-0.004	60.401	-0.004	60.423	-0.003	60.439	-0.002
60.469	-0.002	60.512	-0.001	60.534	0.0	60.574	0.002
60.601	0.003	60.639	0.005	60.669	0.006	60.696	0.007
60.728	0.007	60.761	0.008	60.796	0.008	60.829	0.005
60.862	0.004	60.892	0.003	60.935	0.002	60.982	0.001
61.009	-0.001	61.036	-0.002	61.065	-0.002	61.102	-0.003
61.135	-0.003	61.167	-0.003	61.208	-0.004	61.230	-0.004
61.263	-0.003	61.292	-0.004	61.336	-0.004	61.357	-0.003
61.403	-0.002	61.444	-0.002	61.493	-0.001	61.544	0.0
61.580	0.0	61.620	0.0	61.647	0.0	61.685	0.001
61.712	0.001	61.747	0.004	61.779	0.004	61.817	0.004
61.854	0.004	61.880	0.006	61.923	0.007	61.955	0.008
61.984	0.008	62.013	0.008	62.043	0.008	62.088	0.011

858 PCINTS 73.040 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.2495 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.012	0.028	0.002	0.067	0.043	0.088	0.028	7.124	-0.066	7.154	-0.150	7.187	-0.041	7.213	0.0	7.213	0.0
0.116	-0.034	0.168	-0.050	0.196	-0.210	0.232	-0.112	7.251	-0.084	7.299	0.081	7.337	0.117	7.365	0.194	7.365	0.194
0.294	-0.075	0.338	0.111	0.377	-0.002	0.403	-0.044	7.403	0.059	7.434	0.188	7.454	0.224	7.487	0.058	7.487	0.058
0.441	0.096	0.454	0.112	0.503	0.024	0.542	0.195	7.505	-0.010	7.528	-0.021	7.566	-0.125	7.606	-0.146	7.606	-0.146
0.563	0.169	0.604	-0.079	0.630	0.045	0.655	0.025	7.639	-0.219	7.713	-0.028	7.767	-0.122	7.816	-0.159	7.816	-0.159
0.701	-0.135	0.750	0.031	0.809	0.001	0.862	0.007	7.902	0.037	7.961	0.233	8.000	0.103	8.043	0.123	8.043	0.123
0.903	-0.163	0.921	-0.210	0.964	0.019	1.018	-0.064	8.086	0.060	8.145	0.184	8.203	0.033	8.267	0.007	8.267	0.007
1.028	0.004	1.038	0.185	1.054	0.222	1.097	0.077	8.310	-0.128	8.368	-0.071	8.436	0.073	8.477	0.036	8.477	0.036
1.128	0.197	1.165	0.161	1.199	0.068	1.238	0.038	8.540	0.140	8.670	0.320	8.731	0.117	8.785	0.158	8.785	0.158
1.279	0.147	1.325	0.158	1.371	0.034	1.422	-0.141	8.877	0.103	8.992	-0.314	9.023	-0.263	9.053	-0.330	9.053	-0.330
1.455	-0.016	1.537	0.057	1.606	-0.133	1.644	-0.036	9.107	-0.263	9.154	-0.316	9.188	-0.249	9.225	-0.208	9.225	-0.208
1.696	-0.016	1.747	0.258	1.791	0.045	1.842	0.152	9.303	0.148	9.374	0.287	9.413	0.115	9.449	0.146	9.449	0.146
1.868	-0.019	1.894	-0.040	1.938	0.052	1.992	0.088	9.509	-0.073	9.562	-0.120	9.603	-0.250	9.644	-0.091	9.644	-0.091
2.020	-0.084	2.074	-0.022	2.120	-0.101	2.166	0.032	9.706	-0.060	9.764	0.156	9.814	0.046	9.859	0.247	9.859	0.247
2.243	0.055	2.274	-0.112	2.300	-0.087	2.336	-0.011	9.896	0.293	9.917	0.251	9.941	0.121	9.965	0.069	9.965	0.069
2.361	-0.043	2.428	0.121	2.479	0.082	2.500	0.170	10.023	0.145	10.054	0.083	10.118	0.175	10.165	-0.162	10.165	-0.162
2.520	0.190	2.566	0.043	2.623	0.078	2.695	-0.121	10.207	-0.235	10.349	-0.285	10.413	-0.222	10.486	-0.342	10.486	-0.342
2.749	-0.158	2.765	-0.169	2.803	-0.138	2.844	0.001	10.602	-0.308	10.675	-0.241	10.738	-0.117	10.782	-0.142	10.782	-0.142
2.885	-0.088	2.942	0.128	2.978	0.050	3.068	0.001	10.831	0.095	10.941	0.561	11.040	0.292	11.092	-0.024	11.092	-0.024
3.135	-0.083	3.184	0.057	3.262	0.118	3.316	-0.007	11.171	-0.154	11.218	-0.025	11.263	-0.072	11.344	0.161	11.344	0.161
3.386	0.044	3.440	-0.014	3.489	0.037	3.536	-0.067	11.400	0.409	11.460	0.207	11.539	0.310	11.693	-0.539	11.693	-0.539
3.609	-0.068	3.647	-0.001	3.697	-0.050	3.748	0.										

17.588	-0.705	17.633	-0.586	17.733	0.139	17.819	0.517	34.847	0.183	34.919	0.125	35.007	0.098	35.124	-0.074
17.866	0.599	17.906	0.465	17.990	0.697	18.029	0.454	35.261	-0.094	35.333	0.015	35.483	-0.010	35.610	-0.087
18.150	-0.864	18.195	-0.794	18.264	-0.597	18.316	-0.711	35.746	0.038	35.809	-0.044	35.916	-0.246	36.026	-0.136
18.364	-0.587	18.422	-0.246	18.467	-0.163	18.522	-0.179	36.120	-0.074	36.175	-0.083	36.230	-0.209	36.475	-0.031
18.607	0.365	18.691	0.945	18.763	1.184	18.803	1.049	36.683	0.299	36.742	0.345	36.860	0.157	36.939	0.130
18.851	0.851	18.893	0.533	18.922	-0.026	19.042	-0.967	36.983	0.062	37.004	-0.108	37.032	-0.078	37.096	0.103
19.084	-1.117	19.126	-1.003	19.260	-0.443	19.326	-0.220	37.147	0.103	37.196	-0.006	37.237	-0.146	37.311	-0.136
19.410	0.303	19.450	0.402	19.513	0.894	19.549	0.811	37.426	-0.084	37.524	-0.395	37.600	-0.281	37.699	-0.121
19.628	0.527	19.686	0.009	19.844	-0.576	19.889	-0.685	37.802	-0.023	37.859	-0.153	37.921	-0.075	38.012	0.220
19.926	-0.550	20.031	0.190	20.063	0.293	20.107	0.226	38.066	0.297	38.123	0.245	38.263	0.473	38.309	0.338
20.155	0.381	20.218	0.397	20.301	0.621	20.362	0.704	38.376	0.053	38.490	0.286	38.550	0.239	38.602	0.275
20.404	0.570	20.446	0.617	20.519	0.348	20.632	-0.759	38.674	0.198	38.830	-0.294	38.902	-0.149	38.944	-0.071
20.691	-0.675	20.772	-1.156	20.831	-0.922	20.971	0.115	39.062	-0.309	39.136	-0.314	39.198	-0.501	39.242	-0.532
21.020	-0.014	21.080	0.385	21.188	0.034	21.219	-0.173	39.370	-0.346	39.453	-0.315	39.625	-0.041	39.744	0.373
21.239	-0.240	21.332	0.186	21.363	0.284	21.404	0.187	39.826	0.414	39.878	0.383	40.002	0.470	40.036	0.393
21.502	-0.283	21.552	-0.205	21.607	0.163	21.764	0.491	40.116	0.010	40.199	-0.120	40.274	0.041	40.364	-0.068
21.805	0.750	21.852	0.828	21.891	0.777	21.964	0.167	40.403	-0.089	40.506	0.134	40.584	0.087	40.631	0.005
22.068	-0.293	22.109	-0.122	22.154	-0.106	22.220	-0.452	40.701	0.056	40.840	-0.399	40.968	-0.627	41.182	-0.238
22.259	-0.768	22.307	-0.907	22.367	-0.762	22.444	-0.482	41.317	0.347	41.361	0.414	41.413	0.554	41.468	0.502
22.562	-0.316	22.703	0.513	22.839	0.090	22.932	-0.060	41.514	0.552	41.551	0.678	41.677	0.166	41.730	0.109
22.977	0.054	23.057	0.101	23.111	0.050	23.233	0.371	41.832	-0.155	41.931	-0.057	42.088	-0.015	42.226	0.186
23.305	0.283	23.415	0.345	23.476	0.480	23.516	0.433	42.261	0.197	42.345	0.119	42.440	-0.160	42.518	-0.274
23.572	-0.495	23.649	-0.216	23.750	-0.271	23.821	-0.432	42.682	-0.776	42.733	-0.720	42.874	-0.099	42.939	0.014
23.858	-0.696	23.898	-0.748	23.962	-1.162	24.004	-1.058	43.075	0.417	43.133	0.515	43.207	0.369	43.278	0.156
24.052	-0.588	24.147	-0.230	24.216	-0.178	24.272	0.123	43.376	0.005	43.516	-0.193	43.592	-0.091	43.699	0.167
24.338	0.132	24.415	0.201	24.484	0.409	24.588	0.467	43.760	0.219	43.857	0.146	43.956	0.270	44.010	0.202
24.689	0.132	24.800	-0.130	24.859	0.166	24.907	0.054	44.127	-0.130	44.214	-0.134	44.261	-0.211	44.308	-0.408
24.970	0.317	25.037	0.474	25.103	0.387	25.196	0.108	44.343	-0.428	44.430	-0.293	44.527	0.060	44.629	0.133
25.284	0.279	25.368	0.155	25.453	-0.016	25.551	-0.031	44.694	0.097	44.787	0.165	44.862	0.047	44.970	-0.139
25.663	-0.393	25.737	-0.529	25.830	-0.561	25.923	-0.111	45.053	-0.056	45.148	-0.138	45.283	-0.041	45.374	0.140
26.167	0.161	26.257	0.046	26.318	0.351	26.402	0.050	45.464	0.202	45.544	0.144	45.764	-0.116	45.852	-0.163
26.497	-0.085	26.668	-0.143	26.750	0.188	26.873	0.033	46.022	-0.071	46.214	-0.046	46.384	0.062	46.593	-0.011
26.934	0.136	26.997	-0.237	27.068	-0.082	27.154	0.054	46.642	-0.088	46.814	0.057	46.881	0.062	46.990	0.146
27.215	-0.061	27.275	0.074	27.417	-0.035	27.485	-0.351	47.096	0.115	47.199	0.059	47.280	0.008	47.383	0.025
27.540	-0.232	27.676	-0.304	27.842	0.331	27.925	0.279	47.522	-0.082	47.676	-0.032	47.904	-0.011	48.068	-0.162
27.959	0.393	28.087	0.206	28.133	0.009	28.177	0.180	48.136	-0.191	48.247	-0.089	48.375	-0.039	48.428	0.035
28.234	-0.064	28.285	0.065	28.332	-0.080	28.453	0.184	48.516	0.146	48.692	0.135	48.750	0.048	48.825	-0.080
28.507	-0.179	28.598	-0.226	28.703	0.276	28.924	0.034	48.883	-0.095	48.990	-0.073	49.091	0.058	49.143	-0.116
29.007	-0.421	29.112	-0.602	29.160	-0.762	29.222	-0.612	49.231	0.081	49.372	0.040	49.470	-0.104	49.580	-0.181
29.278	-0.120	29.375	0.161	29.441	-0.056	29.521	0.198	49.675	-0.257	49.763	-0.230	49.927	0.031	49.994	0.125
29.605	0.183	29.711	0.029	29.801	0.569	29.849	0.440	50.118	0.142	50.176	0.210	50.262	0.021	50.305	0.196
30.026	-0.339	30.237	0.496	30.345	0.046	30.416	-0.021	50.348	0.155	50.386	0.140	50.439	0.089	50.518	0.058
30.456	-0.192	30.506	-0.245	30.562	-0.440	30.653	-0.202	50.614	-0.013	50.768	0.024	50.897	0.134	50.990	0.103
30.722	-0.239	30.873	-0.032	30.988	0.019	31.093	0.013	51.116	-0.015	51.191	-0.128	51.286	-0.189	51.376	-0.157
31.165	-0.012	31.212	-0.152	31.275	-0.038	31.350	-0.167	51.509	-0.139	51.619	-0.001	51.756	0.107	51.908	0.131
31.455	0.232	31.520	0.144	31.705	0.407	31.768	0.307	51.995	0.091	52.073	-0.001	52.142	-0.026	52.283	0.011
31.881	-0.036	31.948	-0.115	32.064	0.069	32.144	-0.067	52.389	0.042	52.486	0.089	52.617	0.059	52.671	-0.018
32.225	-0.136	32.342	0.059	32.386	-0.071	32.422	-0.056	52.798	0.127	52.925	-0.209	53.144	-0.074	53.285	0.072
32.524	-0.213	32.568	-0.038	32.602	0.023	32.654	-0.111	53.453	0.129	53.634	0.047	53.701	0.026	53.944	0.165
32.756	0.130	32.819	-0.217	32.935	-0.096	32.982	0.122	54.006	-0.170	54.182	0.051	54.320	-0.007	54.414	-0.084
33.024	0.180	33.109	0.088	33.148	0.005	33.223	0.110	54.588	-0.085	54.889	0.027	54.992	-0.003	55.058	0.013
33.305	-0.107	33.350	-0.122	33.438	-0.054	33.491	0.061	55.193	0.051	55.285	0.0	55.420	0.038	55.506	0.002
33.547	0.010	33.655	0.280	33.753	0.134	33.830	0.212	55.625	-0.004	55.738	0.035	55.838	-0.016	56.013	-0.058
33.909	0.139	33.983	0.222	34.099	0.149	34.199	-0.209	56.121	-0.019	56.230	-0.077	56.319	-0.096	56.454	-0.019
34.265	-0.158	34.322	-0.210	34.385	-0.123	34.438	-0.190	56.678	0.114	56.788	0.089	56.832	0.027	56.914	-0.014
34.540	0.016	34.608	-0.125	34.686	-0.234	34.758	-0.070	57.058	0.085	57.184	0.112	57.384	0.060	57.596	-0.018

57.743	-0.084	57.877	-0.098	58.091	-0.050	58.298	0.055
58.408	0.050	58.687	-0.011	58.818	-0.067	58.938	-0.005
59.136	0.057	59.241	0.053	59.404	-0.034	59.473	-0.007
59.579	0.014	59.649	-0.047	59.741	-0.062	59.990	0.066
60.101	0.093	60.218	0.042	60.307	0.026	60.369	0.042
60.509	-0.041	60.572	-0.056	60.947	0.030	61.019	-0.012
61.116	-0.022	61.293	0.025	61.602	0.020	61.806	0.078
61.915	0.027	62.068	0.027	62.231	-0.045	62.379	-0.070
62.567	0.014	62.624	0.015	62.714	-0.026	62.819	-0.072
62.953	-0.003	63.056	0.054	63.149	0.055	63.405	0.108
63.547	0.051	63.659	-0.047	63.725	-0.089	63.905	0.005
64.135	0.046	64.400	0.001	64.571	-0.071	64.773	-0.023
64.566	0.021	65.053	0.001	65.295	-0.085	65.542	-0.114
65.769	0.031	65.951	0.154	66.073	0.148	66.170	0.096
66.809	0.016	66.958	-0.051	67.102	-0.087	67.182	-0.071
67.260	-0.113	67.338	-0.123	67.586	0.043	67.742	0.085
67.876	0.060	68.022	-0.002	68.232	0.039	68.502	-0.005
68.629	-0.104	68.741	-0.138	68.967	-0.095	69.124	0.023
69.379	0.109	69.501	0.065	69.629	0.103	69.923	0.120
70.224	-0.052	70.396	-0.119	70.594	-0.005	70.738	0.047
71.097	-0.028	71.237	-0.076	71.387	0.027	71.530	0.041
71.674	-0.032	71.794	-0.116	72.085	-0.060	72.442	0.096
72.781	-0.027	73.040	0.031				

52.004. 7/21/52 0453PDT HOLLYWOOD STORAGE CO., PENTHOUSE, HOLLYWOOD, CAL. WEST

863 POINTS 73.092 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCRD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.3220 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.062	0.150	0.061	0.266	0.077	0.356	0.040	11.761	0.703	11.880	-0.833	11.917	-0.908	12.012	-0.160	12.282	0.668	12.350	0.765
0.413	-0.110	0.542	-0.109	0.607	0.126	0.779	0.074	12.096	0.129	12.196	1.288	12.282	0.668	12.350	0.765	12.590	-0.240	12.658	0.865
0.907	-0.112	0.981	-0.039	1.126	-0.087	1.203	0.149	12.404	0.284	12.490	-1.352	12.550	-1.352	12.618	-0.240	12.848	-0.240	12.916	0.316
1.351	-0.004	1.400	0.098	1.438	0.083	1.471	-0.110	12.699	1.081	12.757	1.563	12.797	1.242	12.831	1.060	13.061	-0.004	13.129	0.169
1.550	-0.034	1.590	0.133	1.673	0.021	1.737	0.155	12.882	0.964	12.977	-0.752	13.011	-0.977	13.088	-1.212	13.318	-0.034	13.386	0.286
1.751	-0.028	1.868	-0.019	1.933	-0.068	2.030	0.096	13.173	-0.538	13.255	-0.131	13.300	-0.163	13.333	1.500	13.563	-0.028	13.631	0.396
2.110	0.014	2.187	0.098	2.262	0.081	2.372	0.080	13.359	1.388	13.425	0.345	13.499	-0.206	13.592	0.671	13.822	0.014	13.890	0.781
2.464	0.018	2.546	0.164	2.659	-0.016	2.747	-0.034	13.672	-1.178	13.721	-0.745	13.807	-0.365	13.903	0.373	14.130	0.018	14.198	0.484
2.878	-0.171	2.960	0.084	3.065	0.119	3.186	0.036	13.570	0.063	14.041	0.555	14.054	0.625	14.087	0.562	14.310	-0.171	14.378	0.679
3.290	-0.136	3.354	-0.276	3.406	-0.106	3.487	-0.011	14.139	0.015	14.163	0.044	14.249	0.331	14.330	-0.872	14.559	-0.136	14.627	0.986
3.551	0.192	3.629	0.298	3.694	-0.099	3.759	-0.025	14.362	-0.920	14.448	-0.460	14.519	-0.225	14.595	0.540	14.819	0.192	14.887	0.696
3.865	-0.170	3.867	-0.059	3.942	-0.108	4.007	0.196	14.630	0.706	14.673	0.589	14.700	0.059	14.734	-0.144	14.954	-0.170	15.022	0.254
4.066	0.163	4.147	0.200	4.211	-0.234	4.266	-0.331	14.765	0.304	14.871	-0.496	14.938	-0.261	14.982	-0.025	15.202	0.163	15.270	0.269
4.305	-0.155	4.380	-0.091	4.445	0.042	4.523	0.335	15.033	0.082	15.090	0.392	15.162	0.563	15.250	-0.255	15.470	-0.155	15.538	0.364
4.554	0.180	4.578	0.335	4.609	0.121	4.682	-0.062	15.324	-0.352	15.381	-0.304	15.514	0.562	15.589	0.396	15.809	0.180	15.877	0.495
4.804	-0.111	4.921	-0.111	4.989	-0.014	5.047	0.146	15.645	0.829	15.668	0.899	15.699	0.824	15.804	-0.540	16.024	-0.111	16.092	0.601
5.075	0.194	5.159	-0.047	5.193	-0.090	5.252	0.113	15.844	-0.733	15.888	-0.824	15.930	-0.530	15.991	-0.514	16.209	0.194	16.277	0.716
5.342	-0.105	5.477	0.012	5.552	-0.069	5.636	0.001	16.088	0.315	16.106	0.390	16.133	0.188	16.193	-0.210	16.413	-0.105	16.481	0.318
5.709	-0.015	5.778	0.065	5.852	-0.037	5.941	0.080	16.265	0.119	16.343	-0.520	16.399	-0.181	16.463	0.020	16.6			

21.533	0.677	21.579	0.624	21.682	-0.193	21.755	-0.331	36.545	0.309	37.309	0.196	37.104	0.040	37.130	-0.094
21.820	-1.053	21.862	-0.972	22.093	1.009	22.119	1.105	37.222	-0.260	37.309	-0.090	37.422	-0.416	37.550	-0.069
22.150	1.041	22.255	0.278	22.334	-0.412	22.408	-0.363	37.601	0.065	37.693	0.385	37.758	0.348	37.786	0.155
22.450	-0.475	22.482	-0.529	22.511	-0.448	22.590	0.113	37.846	0.053	37.911	-0.214	37.967	-0.268	38.037	0.058
22.664	-0.328	22.703	0.376	22.799	0.323	22.871	0.184	38.081	0.127	38.159	0.117	38.211	0.154	38.366	0.180
22.937	-0.067	23.057	0.062	23.132	-0.279	23.220	-0.268	38.454	-0.173	38.583	-0.414	38.749	-0.029	38.900	0.639
23.257	-0.071	23.310	0.181	23.337	0.272	23.374	0.218	39.008	0.511	39.034	0.393	39.150	-0.602	39.273	-0.463
23.406	0.026	23.425	-0.039	23.502	0.026	23.585	-0.536	39.368	-0.121	39.425	-0.030	39.525	-0.196	39.615	0.119
23.673	-0.450	23.724	-0.525	23.822	-0.269	23.922	0.271	39.707	0.178	39.800	0.413	39.927	0.188	40.018	-0.096
24.012	0.661	24.055	0.704	24.124	0.843	24.161	0.784	40.098	-0.385	40.129	-0.444	40.209	-0.230	40.387	0.123
24.203	0.281	24.272	0.057	24.397	-0.782	24.442	-0.883	40.462	-0.011	40.527	-0.070	40.599	0.181	40.649	0.267
24.465	-0.803	24.612	-0.133	24.697	0.782	24.737	0.906	40.826	0.026	40.896	0.144	40.980	0.058	41.035	0.112
24.761	0.826	24.827	0.164	24.915	0.037	24.997	-0.769	41.137	-0.177	41.184	-0.311	41.236	-0.364	41.452	-0.075
25.040	-0.870	25.101	-0.709	25.234	0.448	25.271	0.517	41.550	0.010	41.610	0.165	41.691	0.032	41.759	0.090
25.318	0.389	25.387	0.373	25.448	0.470	25.483	0.347	41.792	0.026	41.856	-0.252	41.886	-0.332	41.932	-0.364
25.560	-0.450	25.610	-0.557	25.751	0.037	25.833	0.704	42.090	0.026	42.174	0.021	42.278	0.320	42.410	0.112
25.878	0.902	25.918	0.965	25.955	0.591	26.024	0.274	42.568	-0.241	42.609	-0.225	42.708	0.133	42.816	0.234
26.120	-1.096	26.152	-1.171	26.239	-0.851	26.329	0.336	42.877	0.073	42.957	-0.243	43.003	-0.286	43.060	-0.281
26.387	0.372	26.490	0.987	26.566	0.483	26.632	0.183	43.134	-0.351	43.173	-0.232	43.208	-0.020	43.241	0.044
26.704	-0.833	26.743	-0.972	26.861	-0.631	26.935	0.091	43.310	0.054	43.386	0.293	43.467	0.191	43.522	0.072
27.011	0.888	27.043	1.016	27.124	0.855	27.148	0.668	43.588	-0.223	43.644	-0.352	43.714	-0.379	43.756	-0.289
27.250	-0.444	27.352	-0.610	27.394	-0.471	27.478	-0.386	43.836	0.053	43.917	0.208	44.086	0.148	44.180	-0.056
27.549	0.074	27.628	0.646	27.664	0.791	27.693	0.727	44.247	-0.109	44.334	-0.167	44.530	0.155	44.659	0.279
27.782	-0.055	27.847	-0.830	27.912	-0.959	27.961	-0.879	44.882	-0.035	45.023	0.137	45.121	0.052	45.263	0.041
28.073	-0.350	28.148	0.564	28.177	0.713	28.234	0.537	45.379	-0.045	45.466	-0.211	45.554	-0.067	45.684	-0.100
28.301	0.729	28.332	0.632	28.489	-0.855	28.536	-0.647	45.799	-0.010	45.932	-0.059	46.022	-0.119	46.130	0.041
28.616	-0.482	28.683	0.160	28.809	-0.475	28.883	0.732	46.220	0.077	46.280	0.163	46.317	0.184	46.491	-0.100
28.925	0.497	29.002	-0.444	29.076	-0.679	29.135	-0.508	46.668	-0.047	46.696	-0.335	46.981	-0.207	47.065	-0.158
29.197	-0.727	29.335	0.301	29.396	1.136	29.427	1.270	47.162	0.040	47.201	0.051	47.358	-0.092	47.421	-0.139
29.442	1.200	29.496	0.719	29.532	0.693	29.567	0.597	47.710	0.239	47.761	0.176	47.880	-0.061	48.057	-0.121
29.642	-0.301	29.723	-0.648	29.761	-0.957	29.783	-1.080	48.165	0.080	48.264	0.206	48.378	-0.279	48.448	0.168
29.831	-0.855	29.907	-0.046	30.008	0.586	30.106	1.143	48.539	0.027	48.622	-0.110	48.752	-0.032	48.830	0.108
30.272	-0.989	30.312	-1.074	30.393	-0.443	30.466	-0.646	48.918	0.238	48.943	0.276	48.998	0.218	49.118	-0.149
30.576	0.360	30.634	0.483	30.697	0.424	30.735	0.119	49.198	-0.201	49.331	-0.061	49.434	0.228	49.494	0.288
30.851	-0.176	30.902	-0.540	30.953	-0.674	31.076	-0.208	49.587	0.165	49.683	-0.128	49.783	-0.228	49.841	-0.190
31.127	0.336	31.175	0.373	31.201	0.261	31.251	-0.065	49.944	-0.007	50.037	0.208	50.188	0.237	50.307	-0.109
31.316	0.122	31.417	-0.391	31.483	-0.033	31.595	-0.535	50.403	-0.269	50.469	-0.204	50.577	-0.144	50.641	0.039
31.644	-0.294	31.689	-0.176	31.764	-0.162	31.830	0.227	50.749	-0.168	50.815	0.120	50.939	-0.045	51.012	-0.066
31.879	0.355	31.942	0.172	32.062	0.036	32.141	-0.003	51.108	-0.141	51.386	0.108	51.504	0.040	51.684	0.064
32.232	0.172	32.300	0.080	32.367	0.110	32.398	-0.131	51.793	0.034	51.864	0.067	52.024	0.016	52.075	-0.026
32.432	-0.212	32.471	-0.111	32.533	0.188	32.627	0.346	52.202	0.046	52.435	-0.071	52.659	0.176	52.771	0.022
32.687	0.302	32.731	0.126	32.805	-0.477	32.860	-0.792	52.840	-0.042	53.044	0.012	53.253	-0.036	53.472	0.087
32.918	-0.507	33.012	-0.137	33.057	0.345	33.102	0.522	53.605	0.018	53.823	-0.041	53.954	0.082	54.106	0.119
33.181	0.390	33.250	0.482	33.308	0.108	33.396	-0.127	54.234	-0.026	54.348	-0.085	54.702	0.144	54.845	0.017
33.462	-0.415	33.542	0.217	33.563	0.287	33.608	0.223	54.945	-0.035	55.048	-0.098	55.181	-0.038	55.275	0.054
33.629	-0.039	33.664	-0.102	33.735	0.053	33.812	-0.156	55.339	0.065	55.518	-0.174	55.589	-0.194	55.707	0.058
33.865	-0.213	33.891	0.266	33.923	0.202	33.978	-0.247	55.805	0.182	55.916	0.150	56.029	-0.059	56.126	-0.155
34.045	0.525	34.082	0.665	34.211	-0.071	34.308	0.671	56.209	-0.090	56.328	0.098	56.409	0.153	56.486	0.121
34.358	0.729	34.418	0.862	34.470	0.637	34.531	0.659	56.643	-0.037	56.738	-0.101	56.807	-0.052	56.953	0.109
34.649	-0.905	34.693	-1.109	34.745	-0.885	34.875	0.552	57.046	0.083	57.118	-0.003	57.179	-0.008	57.262	-0.221
34.940	0.711	35.049	0.427	35.142	-0.356	35.209	-0.506	57.383	-0.189	57.477	0.008	57.637	0.212	57.833	-0.007
35.370	-0.318	35.470	0.362	35.633	0.352	35.687	0.261	57.698	-0.048	58.109	0.038	58.355	-0.078	58.445	0.003
35.760	0.294	35.787	0.192	35.873	-0.347	35.967	-0.470	58.537	0.132	58.593	0.212	58.641	0.170	58.757	-0.012
36.011	-0.427	36.150	0.419	36.197	0.542	36.221	0.504	58.844	-0.097	58.962	-0.140	59.141	0.079	59.213	0.133
36.359	0.016	36.453	-0.012	36.524	-0.472	36.594	-0.371	59.270	0.056	59.414	-0.133	59.504	-0.191	59.592	-0.127
36.678	-0.426	36.763	0.113	36.817	0.209	36.871	0.214	59.716	0.120	59.762	0.175	59.955	-0.010	60.042	-0.100

60.207	0.047	60.303	0.041	60.461	-0.012	60.609	0.052
60.737	0.159	60.836	0.089	60.951	-0.110	61.022	-0.180
61.258	0.076	61.344	0.103	61.415	0.050	61.524	-0.137
61.608	-0.169	61.828	0.120	61.884	0.163	61.950	0.121
62.050	-0.082	62.124	-0.114	62.260	-0.012	62.348	0.111
62.410	0.145	62.516	0.118	62.645	0.017	62.915	-0.056
63.310	0.080	63.476	-0.101	63.646	-0.117	63.849	0.118
63.971	0.038	64.080	-0.096	64.178	-0.122	64.231	-0.085
64.414	0.151	64.517	0.098	64.651	-0.121	64.751	-0.168
64.809	-0.130	65.066	0.193	65.158	0.151	65.509	-0.103
65.616	-0.086	65.833	0.080	66.042	-0.066	66.117	-0.088
66.415	0.125	66.525	0.028	66.643	-0.021	66.816	0.086
66.892	0.112	67.125	-0.096	67.206	-0.139	67.286	-0.075
67.384	0.064	67.482	0.091	67.645	-0.086	67.765	-0.128
67.928	0.065	68.040	0.109	68.177	-0.089	68.278	-0.166
68.400	-0.066	68.512	0.098	68.569	0.148	68.691	0.093
68.818	-0.064	68.894	-0.089	69.073	0.092	69.313	0.114
69.456	-0.023	69.550	-0.020	69.646	-0.076	69.758	-0.053
69.864	0.013	70.161	-0.025	70.244	0.013	70.403	0.066
70.578	-0.035	70.653	-0.089	70.855	-0.051	71.004	0.084
71.088	0.009	71.185	0.047	71.312	0.014	71.441	0.067
71.568	-0.014	71.649	-0.037	71.825	-0.037	71.996	0.020
72.131	-0.071	72.332	0.009	72.438	-0.002	72.537	-0.044
72.659	0.004	72.894	0.090	73.092	0.053		

906 POINTS 73.109 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0895 G/10.

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[illegible]

16.376	0.311	16.422	0.006	16.537	-0.083	16.604	0.048	31.011	-0.043	31.055	0.083	31.109	-0.044	31.170	-0.017
16.676	-0.130	16.757	0.217	16.822	-0.109	16.881	0.670	31.201	-0.080	31.256	0.088	31.300	-0.096	31.313	-0.138
16.916	0.001	16.961	-0.162	17.066	0.117	17.179	0.186	31.355	-0.001	31.397	0.104	31.418	-0.032	31.452	-0.101
17.214	-0.167	17.275	0.165	17.320	-0.077	17.363	-0.135	31.491	-0.053	31.535	0.089	31.579	0.152	31.616	0.084
17.405	-0.351	17.467	0.028	17.520	-0.224	17.570	0.081	31.770	0.128	31.835	-0.140	31.898	-0.025	31.971	-0.095
17.621	0.170	17.655	0.149	17.727	0.065	17.787	0.191	32.037	-0.108	32.131	0.050	32.204	-0.078	32.271	-0.063
17.826	0.028	17.879	-0.088	17.923	-0.241	17.989	0.101	32.331	0.104	32.404	0.250	32.469	0.033	32.651	-0.065
18.057	-0.141	18.152	0.085	18.307	-0.115	18.397	0.169	32.735	-0.069	32.866	0.117	32.905	0.013	33.008	-0.086
18.437	0.100	18.545	0.126	18.611	-0.021	18.658	-0.042	33.124	0.027	33.213	-0.009	33.301	0.192	33.352	0.024
18.727	0.190	18.780	0.011	18.871	0.233	18.916	-0.014	33.407	0.135	33.439	0.094	33.484	-0.164	33.514	-0.221
18.985	0.118	19.008	0.082	19.072	-0.444	19.138	-0.296	33.553	-0.116	33.607	0.059	33.633	0.106	33.702	-0.057
19.275	0.178	19.341	-0.068	19.401	-0.142	19.443	-0.042	33.789	0.096	33.863	-0.183	33.958	0.090	34.008	-0.048
19.507	0.338	19.572	-0.046	19.609	0.107	19.704	-0.061	34.056	0.158	34.111	0.032	34.169	0.116	34.240	-0.090
19.751	0.060	19.812	-0.005	19.867	0.033	19.941	0.028	34.363	-0.038	34.400	-0.149	34.445	-0.097	34.665	-0.259
20.006	0.170	20.075	0.049	20.112	-0.130	20.127	-0.230	34.706	0.216	34.769	-0.011	34.841	-0.138	34.950	-0.076
20.156	-0.273	20.290	0.170	20.345	-0.108	20.408	0.035	34.997	-0.135	35.176	0.121	35.222	0.042	35.290	0.085
20.466	0.277	20.524	-0.075	20.563	0.068	20.631	-0.074	35.336	0.043	35.401	-0.083	35.437	-0.141	35.509	-0.014
20.797	-0.030	20.818	0.096	20.857	0.213	20.932	-0.055	35.556	0.007	35.607	-0.040	35.656	0.045	35.703	-0.029
20.881	0.061	21.017	-0.122	21.087	0.063	21.147	-0.184	35.764	-0.054	35.866	0.046	35.973	0.110	36.127	-0.152
21.232	0.259	21.270	-0.046	21.335	0.118	21.412	0.140	36.208	-0.200	36.273	-0.016	36.357	-0.012	36.428	-0.097
21.564	-0.384	21.623	-0.163	21.667	-0.131	21.760	0.028	36.545	-0.102	36.608	0.044	36.668	0.122	36.735	-0.095
21.799	0.318	21.823	0.350	21.859	0.208	21.914	0.303	36.817	-0.027	36.878	0.030	37.035	-0.018	37.091	0.065
21.953	0.146	21.968	-0.006	21.995	-0.059	22.047	0.016	37.140	0.091	37.283	-0.031	37.327	-0.062	37.452	0.080
22.104	-0.168	22.164	-0.036	22.193	-0.088	22.235	-0.035	37.534	-0.073	37.616	0.0	37.706	-0.105	37.926	0.042
22.258	-0.082	22.319	0.128	22.345	0.181	22.369	0.039	38.030	-0.069	38.123	0.005	38.182	-0.043	38.257	0.020
22.409	0.071	22.448	0.008	22.514	0.256	22.551	0.156	38.363	-0.069	38.519	0.093	38.596	0.130	38.635	-0.017
22.585	-0.059	22.680	0.020	22.715	-0.048	22.797	0.105	38.669	-0.054	38.784	-0.002	38.859	-0.122	38.959	-0.101
22.848	-0.079	22.896	0.021	22.928	-0.126	22.973	0.059	39.023	-0.175	39.103	0.092	39.196	0.062	39.262	0.062
23.080	-0.178	23.120	-0.051	23.160	0.186	23.213	-0.009	39.345	-0.065	39.514	0.040	39.463	0.051	39.514	0.114
23.266	0.118	23.285	-0.019	23.333	-0.151	23.384	-0.309	39.602	-0.060	39.710	-0.002	39.793	-0.171	39.875	-0.071
23.429	-0.114	23.480	0.039	23.533	-0.108	23.560	0.034	39.997	-0.040	40.082	0.113	40.170	-0.019	40.276	-0.014
23.605	0.155	23.746	-0.072	23.807	0.049	23.889	-0.056	40.367	-0.071	40.444	0.018	40.496	0.018	40.574	-0.108
23.939	0.049	24.029	-0.083	24.087	-0.014	24.154	-0.151	40.653	-0.002	40.743	-0.082	40.816	-0.040	40.970	-0.118
24.193	-0.056	24.241	0.170	24.308	-0.134	24.385	-0.240	41.046	-0.139	41.127	0.008	41.252	0.040	41.421	0.003
24.443	0.119	24.573	0.078	24.613	-0.006	24.656	-0.026	41.557	-0.034	41.667	-0.007	41.761	-0.065	41.832	-0.023
24.709	-0.157	24.770	-0.035	24.812	-0.082	24.863	0.082	41.919	0.056	42.023	0.024	42.084	-0.028	42.181	0.014
24.916	-0.148	25.102	0.344	25.176	0.193	25.232	-0.196	42.288	-0.081	42.351	0.004	42.394	-0.086	42.440	-0.069
25.314	0.056	25.359	-0.001	25.399	0.109	25.473	-0.238	42.489	-0.091	42.585	0.020	42.634	-0.028	42.677	-0.112
25.558	0.047	25.635	0.189	25.678	-0.064	25.773	0.130	42.751	-0.007	42.821	-0.113	42.926	-0.013	43.067	0.002
25.871	-0.239	26.018	-0.025	26.057	-0.188	26.108	-0.058	43.139	0.081	43.208	-0.062	43.251	-0.084	43.291	-0.037
26.166	0.379	26.272	0.078	26.335	-0.122	26.392	0.088	43.393	-0.149	43.527	-0.098	43.710	0.0	43.803	-0.053
26.443	-0.060	26.499	-0.218	26.559	0.029	26.607	-0.150	43.861	-0.116	44.020	-0.001	44.134	-0.059	44.248	-0.006
26.704	0.080	26.762	0.307	26.820	0.075	26.886	0.143	44.561	-0.056	44.668	-0.118	44.788	-0.065	44.919	0.015
26.946	0.075	27.020	-0.109	27.164	-0.136	27.253	0.032	45.042	-0.063	45.150	0.006	45.280	-0.011	45.342	-0.053
27.287	-0.036	27.361	0.096	27.395	0.022	27.479	0.096	45.488	0.036	45.550	-0.070	45.663	-0.002	45.791	-0.029
27.576	0.054	27.678	-0.209	27.784	-0.005	27.917	0.173	45.853	-0.072	46.056	-0.026	46.134	-0.047	46.199	-0.021
28.076	0.031	28.146	-0.154	28.260	0.009	28.316	-0.254	46.311	-0.085	46.388	-0.043	46.512	-0.022	46.589	-0.085
28.479	0.266	28.556	-0.035	28.652	0.023	28.693	-0.193	46.709	-0.117	46.828	-0.080	46.920	-0.027	47.001	-0.063
28.768	0.039	28.891	-0.134	28.994	0.187	29.056	0.235	47.054	-0.026	47.150	-0.073	47.276	-0.040	47.306	-0.066
29.125	-0.028	29.199	0.204	29.232	0.036	29.291	-0.153	47.425	-0.001	47.579	-0.039	47.740	-0.075	47.864	0.308
29.353	-0.026	29.406	-0.347	29.488	-0.020	29.559	-0.140	48.067	0.002	48.145	-0.016	48.256	-0.003	48.377	-0.057
29.618	0.097	29.662	-0.050	29.755	0.272	29.780	0.336	48.412	-0.024	48.482	-0.028	48.533	-0.026	48.623	0.019
29.803	0.283	29.861	-0.089	29.926	-0.036	30.082	-0.344	48.699	-0.001	48.754	0.011	48.831	-0.056	48.919	-0.081
30.173	-0.027	30.223	0.068	30.279	0.399	30.354	-0.169	*48.954	-0.101	49.072	-0.057	49.145	-0.033	49.177	-0.049
30.402	-0.037	30.462	0.195	30.533	0.021	30.636	-0.105	49.290	0.050	49.403	0.009	49.478	-0.058	49.556	-0.053
30.776	0.142	30.837	-0.016	30.919	0.273	30.958	0.094	49.641	-0.036	49.704	0.012	49.742	-0.003	49.835	0.035

49.935	-0.011	50.021	-0.068	50.048	-0.041	50.174	-0.045
50.283	0.057	50.374	0.100	50.438	0.027	50.536	0.091
50.569	0.028	50.721	-0.018	50.804	-0.038	50.918	0.015
50.986	-0.016	51.059	0.021	51.225	-0.009	51.365	-0.012
51.478	0.031	51.575	0.017	51.676	0.013	51.808	0.036
51.868	0.0	51.980	0.002	52.064	0.046	52.158	0.016
52.299	0.017	52.461	0.039	52.551	0.002	52.661	-0.018
52.735	0.003	52.839	0.009	52.898	-0.017	52.987	0.004
53.109	-0.011	53.234	0.021	53.418	0.006	53.492	0.027
53.551	0.064	53.632	0.043	53.689	0.049	53.802	0.033
53.923	0.006	54.137	-0.005	54.215	0.032	54.377	0.052
54.424	-0.011	54.489	0.026	54.559	-0.006	54.624	0.005
54.706	-0.032	54.830	0.022	55.004	0.029	55.092	0.036
55.129	-0.001	55.210	0.026	55.342	-0.019	55.461	0.013
55.500	-0.002	55.600	0.041	55.679	-0.010	55.903	-0.004
55.982	-0.020	56.075	0.033	56.223	0.060	56.343	-0.017
56.386	-0.001	56.505	-0.021	56.704	0.002	56.855	0.029
57.033	-0.012	57.174	0.052	57.395	0.053	57.536	-0.016
57.689	-0.031	57.787	0.027	58.124	0.051	58.242	0.005
58.380	0.037	58.567	-0.030	58.764	0.013	59.169	-0.008
59.260	-0.034	59.571	0.064	59.744	-0.045	60.042	0.049
60.486	0.025	60.611	-0.002	60.841	-0.013	60.986	0.044
61.350	-0.003	61.538	0.029	61.861	-0.038	61.985	-0.017
62.088	0.041	62.371	0.006	62.624	0.023	62.954	-0.016
63.327	0.018	63.515	0.050	63.873	-0.034	64.127	0.014
64.170	0.051	64.443	-0.022	64.790	0.023	64.906	-0.008
65.217	0.022	65.388	0.044	65.617	0.046	65.776	0.004
66.068	0.013	66.450	0.001	66.536	0.016	66.728	0.0
66.958	-0.021	67.234	0.021	67.402	-0.015	67.664	0.043
67.954	-0.013	68.060	-0.018	68.245	0.043	68.639	-0.002
68.863	0.030	68.944	0.048	69.266	0.010	69.522	0.014
70.050	0.014	70.370	-0.037	70.785	0.027	70.957	-0.019
71.193	0.014	71.524	0.011	71.733	-0.016	72.029	-0.013
72.255	-0.018	72.400	-0.018	72.486	0.004	72.809	-0.016
72.948	0.005	73.109	-0.005				

IV319

52.012. 11/21/52 2346 PST CITY RECREATION BLDG., SAN LUIS OBISPO, CAL N36W

603 POINTS 48.827 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0584 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.079	0.052	0.028	0.118	0.067	0.159	0.008	7.201	0.088	7.233	0.045	7.291	-0.078	7.338	-0.020				
0.207	0.056	0.282	0.064	0.332	0.020	0.384	-0.042	7.415	0.021	7.475	-0.029	7.506	0.007	7.564	-0.109				
0.431	0.023	0.478	0.074	0.502	0.143	0.559	0.001	7.738	-0.009	7.801	-0.039	7.845	0.017	7.894	0.032				
0.593	0.033	0.666	-0.064	0.728	0.008	0.791	-0.130	7.954	0.097	8.001	0.153	8.048	0.109	8.095	0.046				
0.830	-0.091	0.853	-0.154	0.895	-0.205	0.958	-0.241	8.144	-0.014	8.201	0.004	8.245	-0.037	8.308	-0.129				
0.984	-0.111	1.014	0.034	1.050	0.112	1.088	0.115	8.438	0.011	8.476	-0.039	8.511	-0.079	8.579	-0.088				
1.154	0.424	1.233	-0.229	1.287	0.132	1.358	-0.149	8.634	-0.035	8.684	-0.037	8.715	-0.001	8.767	0.066				
1.396	-0.014	1.434	0.136	1.470	0.322	1.501	0.267	8.804	0.033	8.846	0.010	8.904	0.047	8.940	0.105				
1.544	-0.108	1.590	-0.592	1.620	-0.419	1.636	-0.185	8.977	0.143	9.043	0.107	9.096	0.129	9.139	0.078				
1.697	-0.129	1.756	-0.187	1.789	-0.056	1.845	0.205	9.205	0.0	9.274	0.042	9.322	0.003	9.359	-0.016				
1.896	0.488	1.924	0.326	1.954	0.001	1.967	-0.155	9.415	-0.019	9.455	-0.111	9.511	-0.143	9.545	-0.174				
2.008	0.162	2.037	0.451	2.066	0.311	2.110	-0.109	9.596	-0.220	9.666	-0.114	9.714	-0.059	9.757	-0.008				
2.147	-0.399	2.170	-0.300	2.191	-0.191	2.233	-0.104	9.821	0.033	9.890	-0.013	9.936	0.016	9.992	-0.011				
2.270	0.130	2.306	0.394	2.327	0.307	2.395	-0.208	10.055	0.042	10.100	0.026	10.140	0.038	10.193	0.027				
2.337	-0.142	2.494	-0.355	2.533	-0.114	2.554	-0.016	10.253	0.032	10.319	0.063	10.372	0.039	10.454	0.070				
2.575	0.097	2.599	0.102	2.636	0.058	2.672	-0.013	10.522	0.031	10.560	0.041	10.645	0.009	10.694	-0.039				
2.720	0.025	2.775	-0.120	2.853	-0.174	2.879	0.042	10.772	-0.111	10.826	-0.071	10.864	-0.069	10.939	-0.008				
2.914	0.226	2.987	-0.100	3.013	0.144	3.048	0.269	11.035	-0.009	11.142	-0.031	11.194	0.001	11.241	-0.036				
3.092	0.342	3.126	0.262	3.158	0.067	3.213	0.006	11.306	-0.060	11.387	-0.014	11.447	-0.039	11.499	0.014				
3.240	-0.137	3.279	-0.304	3.329	-0.113	3.363	-0.076	11.596	0.041	11.682	0.031	11.777	0.004	11.829	0.036				
3.405	0.154	3.432	0.043	3.463	-0.107	3.508	-0.136	11.900	0.025	12.038	-0.009	12.144	0.017	12.216	0.058				
3.553	-0.105	3.608	0.045	3.637	0.013	3.679	-0.008	12.260	0.019	12.332	-0.020	12.438	0.022	12.536	0.060				
3.736	0.158	3.763	-0.093	3.802	0.112	3.847	0.316	12.607	0.035	12.711	-0.021	12.766	0.001	12.847	-0.012				
3.868	0.265	3.917	-0.055	3.970	-0.071	4.014	-0.164	12.941	-0.034	12.985	-0.021	13.049	-0.027	13.102	-0.065				
4.044	-0.100	4.067	-0.002	4.118	0.054	4.159	0.119	13.136	-0.083	13.208	-0.076	13.247	-0.057	13.298	-0.050				
4.203	0.003	4.228	-0.043	4.284	0.056	4.335	-0.093	13.345	-0.009	13.393	-0.023	13.480	0.018	13.531	0.023				
4.354	-0.042	4.453	-0.065	4.486	-0.024	4.532	-0.067	13.568	0.044	13.626	0.063	13.727	0.041	13.820	0.041				
4.606	-0.096	4.644	-0.009	4.698	0.190	4.718	0.252	13.894	0.019	13.979	0.049	14.024	0.027	14.083	-0.043				
4.741	0.190	4.777	0.032	4.810	-0.108	4.848	-0.154	14.138	-0.079	14.261	-0.051	14.261	-0.051	14.314	0.066				
4.922	-0.042	4.989	-0.144	5.020	-0.091	5.070	0.093	14.396	-0.066	14.468	-0.010	14.532	0.023	14.594	0.016				
5.143	0.125	5.203	0.211	5.244	0.149	5.276	0.105	14.690	-0.009	14.749	0.003	14.832	-0.013	14.903	-0.016				
5.317	0.040	5.367	-0.119	5.440	-0.090	5.487	-0.112	14.979	-0.021	15.081	-0.002	15.129	0.0	15.177	0.032				
5.539	-0.156	5.575	-0.107	5.609	-0.034	5.648	-0.019	15.207	0.043	15.308	0.002	15.354	0.014	15.418	-0.006				
5.689	0.128	5.731	0.159	5.780	0.116	5.816	0.017	15.464	0.020	15.517	0.037	15.578	0.034	15.626	0.014				
5.860	-0.019	5.897	-0.016	5.962	-0.106	6.001	-0.042	15.674	-0.018	15.769	-0.021	15.870	0.0	15.913	0.007				
6.042	0.018	6.147	-0.083	6.191	-0.017	6.253	-0.049	16.006	-0.010	16.048	-0.014	16.156	-0.016	16.220	0.011				
6.317	0.004	6.348	0.0	6.403	0.063	6.471	-0.041	16.281	-0.004	16.331	0.022	16.379	0.043	16.442	0.016				
6.558	0.097	6.611	-0.013	6.672	0.042	6.752	-0.042	16.510	-0.015	16.555	0.010	16.617	0.017	16.690	0.015				
6.810	0.023	6.864	0.060	6.898	0.033	6.951	-0.010	16.755	0.017	16.826	-0.020	16.907	-0.008	16.982	-0.024				
6.994	-0.002	7.059	-0.031	7.115	-0.077	7.159	-0.011	17.016	-0.014	17.079	-0.039	17.159	-0.010	17.222	-0.015				

17.323	0.006	17.402	-0.019	17.536	0.006	17.631	0.015	35.670	-0.001	35.793	-0.007	35.921	-0.004	36.049	0.016
17.724	-0.019	17.770	0.007	17.873	-0.015	17.916	0.0	36.186	-0.011	36.352	0.005	36.497	-0.014	36.660	-0.008
17.985	-0.018	18.044	-0.011	18.104	-0.014	18.158	-0.032	36.768	0.0	36.952	0.001	37.086	-0.006	37.275	0.007
18.279	0.009	18.346	-0.001	18.410	-0.021	18.486	0.011	37.420	-0.002	37.554	0.008	37.679	-0.001	37.888	-0.004
18.542	0.015	18.627	-0.022	18.731	-0.006	18.808	0.025	38.029	-0.010	38.310	0.005	38.478	-0.006	38.719	0.009
18.946	0.036	19.010	0.029	19.102	0.050	19.188	0.033	38.923	-0.007	39.110	0.007	39.311	0.003	39.511	-0.008
19.293	0.011	19.419	0.0	19.552	-0.017	19.650	-0.008	39.735	-0.001	39.897	-0.006	39.977	-0.011	40.152	0.002
19.816	-0.004	19.889	0.010	20.000	-0.002	20.101	-0.022	40.396	0.014	40.569	-0.003	40.841	-0.004	41.051	-0.001
20.163	-0.001	20.235	-0.028	20.328	-0.007	20.390	0.012	41.184	0.008	41.474	0.009	41.634	-0.009	41.878	-0.001
20.475	-0.014	20.616	0.014	20.712	-0.018	20.773	-0.017	42.204	-0.002	42.563	-0.002	42.961	-0.001	43.305	0.002
20.827	-0.034	20.920	-0.004	20.997	0.018	21.051	0.011	43.613	-0.002	44.021	0.002	44.250	-0.008	44.460	-0.003
21.119	0.030	21.184	0.010	21.273	0.031	21.416	0.043	44.659	0.003	45.170	0.011	45.590	0.0	46.023	0.004
21.489	0.017	21.538	0.026	21.610	0.004	21.671	0.006	46.275	-0.004	46.456	0.014	46.707	-0.004	47.116	0.004
21.785	0.032	21.784	0.003	21.823	0.018	21.885	-0.011	47.520	0.0	47.752	-0.003	48.059	0.006	48.265	0.012
21.936	0.034	21.998	-0.028	22.054	0.007	22.110	-0.019	48.503	0.019	48.678	0.007	48.827	0.008		
22.156	0.048	22.220	-0.034	22.261	0.009	22.325	-0.052								
22.374	-0.003	22.414	-0.042	22.458	0.028	22.492	0.040								
22.532	0.020	22.637	-0.040	22.713	0.016	22.751	-0.014								
22.799	-0.006	22.856	-0.035	22.891	0.015	22.961	0.042								
22.996	0.025	23.058	-0.069	23.112	-0.016	23.174	-0.058								
23.203	-0.053	23.230	-0.038	23.279	-0.045	23.319	0.013								
23.354	0.039	23.427	0.003	23.478	0.003	23.496	-0.022								
23.543	-0.061	23.564	-0.026	23.619	0.024	23.640	0.031								
23.709	0.010	23.772	0.010	23.885	0.023	23.942	-0.006								
23.984	0.031	24.026	0.045	24.087	0.016	24.144	-0.001								
24.184	0.028	24.244	0.003	24.289	0.025	24.362	0.004								
24.412	0.035	24.433	0.052	24.467	0.015	24.509	-0.018								
24.530	0.003	24.581	-0.051	24.625	-0.021	24.646	0.015								
24.693	-0.009	24.737	-0.039	24.795	-0.007	24.892	0.026								
24.944	-0.011	25.004	-0.037	25.045	-0.018	25.094	-0.028								
25.148	0.001	25.213	0.018	25.270	0.0	25.316	-0.009								
25.378	0.009	25.451	-0.034	25.523	0.007	25.583	0.001								
25.638	0.009	25.732	-0.006	25.808	0.011	25.886	0.032								
25.954	0.003	26.032	0.021	26.110	0.004	26.274	0.004								
26.387	-0.026	26.434	-0.014	26.525	0.015	26.640	0.012								
26.700	-0.001	26.768	-0.003	26.856	0.014	26.963	0.006								
27.075	0.011	27.195	-0.021	27.326	-0.012	27.385	-0.025								
27.476	0.007	27.567	0.016	27.644	0.002	27.738	-0.003								
27.826	0.005	27.909	-0.006	28.000	-0.001	28.143	0.004								
28.204	-0.008	28.355	0.011	28.445	0.016	28.572	-0.006								
28.675	0.006	28.765	0.003	28.807	-0.014	28.929	-0.006								
29.098	-0.006	29.324	0.020	29.356	0.015	29.453	0.003								
29.594	0.018	29.678	0.007	29.787	-0.034	29.886	-0.010								
29.951	-0.016	30.118	-0.008	30.216	-0.001	30.293	0.012								
30.397	0.017	30.484	-0.009	30.663	-0.003	30.794	0.011								
30.952	0.005	31.083	-0.013	31.224	0.006	31.311	-0.005								
31.481	-0.001	31.586	0.004	31.646	0.002	31.702	-0.022								
31.772	0.002	31.890	0.004	31.972	-0.014	32.062	0.005								
32.148	-0.014	32.290	0.011	32.429	-0.005	32.502	-0.001								
32.647	-0.012	32.815	-0.003	33.031	0.007	33.151	0.009								
33.322	0.001	33.513	-0.008	33.732	0.012	33.875	-0.007								
33.989	-0.014	34.106	0.004	34.202	0.009	34.283	-0.003								
34.330	-0.008	34.410	-0.007	34.532	0.0	34.605	-0.004								
34.684	0.003	34.769	0.004	34.842	0.008	34.905	0.013								
34.956	0.021	35.081	0.017	35.132	0.009	35.215	0.002								
35.308	-0.012	35.406	-0.007	35.524	-0.011	35.573	-0.016								

IV319

552.012. 11/21/52 2346 PST CITY RECREATION BLDG., SAN LUIS OBISPO, CAL S54W

599 POINTS 48.890 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0514 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.009	0.044	-0.058	0.071	-0.012	0.102	0.025	6.212	0.043	6.264	0.011	6.296	0.059	6.356	0.176
0.162	-0.022	0.217	-0.042	0.248	-0.011	0.267	0.053	6.385	0.109	6.400	0.004	6.421	-0.067	6.458	-0.121
0.295	0.095	0.329	0.011	0.371	-0.084	0.408	-0.014	6.505	-0.060	6.544	0.007	6.597	-0.007	6.672	0.015
0.424	0.038	0.458	0.090	0.499	0.038	0.528	-0.021	6.749	-0.051	6.781	-0.024	6.810	0.003	6.852	-0.024
0.559	-0.034	0.624	-0.034	0.674	-0.059	0.718	-0.024	6.874	-0.078	6.919	-0.134	7.017	-0.038	7.064	-0.048
0.752	0.031	0.781	-0.036	0.791	-0.126	0.822	-0.185	7.056	0.002	7.180	0.064	7.235	0.016	7.278	0.063
0.877	-0.091	0.929	-0.141	0.966	-0.044	1.020	0.015	7.307	0.098	7.357	0.071	7.430	0.012	7.488	0.048
1.048	0.152	1.079	0.213	1.112	0.134	1.160	0.075	7.522	-0.003	7.553	-0.031	7.600	-0.062	7.634	-0.043
1.214	0.092	1.255	0.057	1.288	0.043	1.316	-0.071	7.697	-0.067	7.764	-0.040	7.830	-0.126	7.879	-0.055
1.349	-0.193	1.379	-0.243	1.397	-0.175	1.433	0.030	7.900	0.008	7.939	0.022	8.007	0.048	8.061	0.018
1.471	0.038	1.497	0.134	1.522	0.206	1.555	0.062	8.147	0.073	8.222	-0.093	8.259	0.046	8.282	-0.044
1.609	-0.423	1.639	-0.136	1.665	-0.201	1.690	-0.350	8.342	-0.022	8.388	-0.034	8.443	-0.017	8.486	-0.046
1.751	0.014	1.751	0.014	1.782	-0.093	1.815	-0.157	8.513	-0.083	8.600	-0.069	8.657	-0.004	8.699	-0.012
1.833	-0.081	1.884	0.167	1.907	-0.061	1.930	-0.060	8.749	0.020	8.796	0.087	8.851	0.020	8.893	0.040
1.973	-0.112	2.001	-0.053	2.029	0.177	2.069	0.393	8.948	0.008	8.990	0.018	9.048	0.001	9.128	0.060
2.100	0.271	2.116	-0.023	2.147	-0.098	2.181	-0.033	9.165	0.017	9.218	-0.032	9.274	0.007	9.324	-0.010
2.210	0.202	2.251	0.004	2.296	-0.298	2.330	-0.161	9.441	0.020	9.510	-0.028	9.590	-0.094	9.729	-0.011
2.343	-0.260	2.413	-0.104	2.486	-0.298	2.520	-0.166	9.764	-0.028	9.817	-0.068	9.852	-0.033	9.927	-0.006
2.554	-0.107	2.602	-0.087	2.636	-0.007	2.672	0.166	9.980	-0.059	10.068	-0.028	10.110	0.043	10.171	0.025
2.717	0.377	2.793	0.053	2.845	0.300	2.887	0.087	10.224	-0.027	10.295	-0.007	10.337	-0.030	10.388	-0.066
2.948	-0.124	2.990	-0.054	3.055	-0.290	3.100	-0.194	10.425	-0.020	10.451	-0.017	10.512	0.025	10.579	-0.008
3.153	-0.247	3.153	-0.247	3.195	-0.020	3.221	0.194	10.638	0.002	10.731	-0.030	10.813	-0.003	10.850	-0.011
3.234	0.309	3.258	0.281	3.295	0.214	3.318	0.107	10.904	0.012	10.968	0.024	11.051	0.003	11.098	-0.017
3.337	0.028	3.366	-0.027	3.395	0.041	3.432	0.093	11.165	-0.042	11.228	0.0	11.311	-0.047	11.379	-0.029
3.489	-0.026	3.550	0.102	3.584	-0.068	3.634	-0.256	11.445	-0.032	11.514	-0.054	11.598	-0.094	11.672	-0.055
3.683	-0.150	3.686	-0.078	3.760	-0.029	3.820	-0.068	11.721	-0.050	11.774	-0.060	11.842	0.013	11.929	-0.006
3.852	0.011	3.878	0.137	3.915	0.157	3.967	0.207	11.986	0.025	12.067	0.045	12.105	0.055	12.162	0.042
4.001	0.117	4.032	0.075	4.094	0.025	4.124	0.057	12.229	0.033	12.294	0.047	12.333	0.059	12.374	0.037
4.163	-0.057	4.244	-0.140	4.298	-0.118	4.326	-0.109	12.428	-0.008	12.485	-0.002	12.532	-0.018	12.594	-0.011
4.349	-0.145	4.390	-0.232	4.444	-0.124	4.464	-0.005	12.675	-0.046	12.753	-0.014	12.800	0.013	12.886	0.012
4.510	0.135	4.561	0.122	4.599	0.145	4.632	0.124	12.993	-0.020	13.046	0.009	13.083	0.010	13.154	-0.003
4.658	0.105	4.737	0.159	4.773	0.088	4.829	0.046	13.252	0.014	13.416	0.020	13.480	0.0	13.544	0.032
4.872	-0.029	4.921	-0.029	4.944	-0.113	4.969	0.187	13.596	0.059	13.666	0.019	13.782	0.009	13.923	0.058
5.005	-0.225	5.044	-0.168	5.088	-0.081	5.130	-0.031	13.976	0.035	14.040	0.011	14.122	-0.009	14.167	0.002
5.187	-0.014	5.208	0.040	5.229	0.075	5.255	0.085	14.218	-0.010	14.326	0.024	14.388	-0.003	14.454	-0.038
5.312	0.024	5.346	-0.041	5.409	-0.225	5.448	-0.128	14.531	-0.059	14.670	0.008	14.729	-0.008	14.777	0.004
5.529	-0.031	5.588	-0.085	5.625	-0.003	5.645	0.106	14.898	-0.058	14.943	-0.038	15.002	-0.061	15.064	-0.034
5.661	0.163	5.692	0.188	5.747	0.160	5.806	0.039	15.120	-0.035	15.211	-0.008	15.267	-0.020	15.324	0.011
5.856	0.101	5.900	0.074	5.936	-0.015	5.970	-0.071	15.407	-0.011	15.463	0.018	15.569	0.015	15.647	0.040
6.011	-0.121	6.066	-0.056	6.087	0.001	6.157	0.080	15.705	0.044	15.761	0.021	15.848	-0.001	15.886	-0.004

15.952	-0.047	16.037	-0.018	16.127	-0.034	16.161	-0.028	37.969	-0.019	38.205	-0.010	38.404	-0.002	38.554	0.006
16.230	-0.042	16.288	-0.029	16.391	-0.038	16.497	-0.014	38.738	0.001	38.893	-0.020	39.150	-0.005	39.267	0.005
16.586	-0.014	16.636	-0.002	16.664	-0.015	16.769	0.022	39.547	-0.007	39.930	0.006	40.168	-0.001	40.422	-0.008
16.860	-0.006	16.930	0.015	16.967	0.033	17.016	0.048	40.541	0.004	40.744	-0.008	40.860	-0.013	41.083	-0.002
17.152	0.022	17.157	0.007	17.274	0.031	17.344	0.018	41.293	0.011	41.457	0.002	41.681	0.012	41.891	-0.007
17.459	0.040	17.540	0.001	17.609	0.019	17.713	0.012	42.238	0.012	42.449	-0.009	42.723	-0.005	42.947	0.001
17.756	-0.013	17.870	0.017	17.987	0.008	18.084	0.001	43.166	0.011	43.300	0.016	43.471	0.007	43.679	0.003
18.175	0.003	18.326	0.012	18.425	-0.006	18.528	-0.022	43.870	0.001	44.121	0.007	44.361	-0.001	44.540	-0.003
18.642	-0.030	18.754	-0.025	18.837	0.004	18.978	0.003	44.800	0.004	45.145	0.008	45.421	0.009	45.632	-0.003
19.049	0.012	19.120	-0.001	19.175	0.012	19.259	-0.006	45.868	0.004	45.963	0.011	46.108	0.002	46.294	0.006
19.343	-0.025	19.495	-0.001	19.531	-0.008	19.601	0.017	46.408	0.010	46.629	0.001	46.819	-0.001	46.938	0.006
19.684	0.036	19.811	0.008	19.913	0.032	20.016	0.037	47.155	0.012	47.297	0.017	47.449	-0.006	47.673	-0.008
20.125	0.019	20.236	-0.009	20.321	-0.016	20.483	0.012	47.884	0.004	48.067	0.009	48.271	0.022	48.408	0.023
20.528	0.0	20.624	0.004	20.738	-0.006	20.898	-0.019	48.531	0.023	48.769	0.014	48.890	0.009		
21.037	-0.004	21.134	0.008	21.242	0.005	21.342	-0.007								
21.407	0.012	21.495	0.004	21.592	0.032	21.623	0.036								
21.716	-0.014	21.772	0.021	21.934	-0.046	21.956	0.007								
22.042	-0.015	22.101	0.010	22.162	-0.015	22.247	-0.048								
22.311	-0.013	22.377	-0.019	22.454	-0.006	22.555	0.048								
22.623	-0.030	22.674	0.058	22.725	0.028	22.766	-0.001								
22.811	0.020	22.849	0.040	22.935	-0.022	23.016	0.030								
23.054	-0.025	23.102	-0.007	23.143	-0.027	23.178	-0.042								
23.248	-0.017	23.269	0.023	23.304	0.028	23.366	-0.044								
23.420	0.010	23.490	-0.035	23.543	-0.005	23.588	0.009								
23.656	0.022	23.756	-0.006	23.806	0.024	23.879	0.029								
23.924	0.007	23.950	-0.016	23.968	-0.036	23.982	-0.038								
24.013	-0.013	24.076	0.014	24.118	-0.011	24.150	-0.023								
24.218	-0.004	24.247	0.036	24.286	0.060	24.320	0.068								
24.360	0.041	24.373	-0.006	24.402	-0.039	24.444	-0.010								
24.472	0.011	24.540	0.005	24.621	-0.015	24.683	-0.025								
24.727	-0.005	24.825	-0.015	24.903	-0.009	24.950	0.002								
24.986	-0.014	25.038	0.006	25.079	-0.017	25.162	0.016								
25.203	-0.005	25.273	0.025	25.345	0.003	25.379	0.025								
25.461	-0.016	25.511	0.011	25.623	0.001	25.706	0.030								
25.769	0.001	25.847	0.017	25.925	0.002	25.967	-0.020								
26.019	0.010	26.123	0.012	26.207	-0.013	26.324	0.011								
26.478	-0.003	26.535	0.014	26.676	-0.005	26.781	0.019								
26.877	-0.004	26.969	0.021	27.091	0.005	27.140	0.016								
27.230	-0.014	27.329	0.017	27.427	-0.021	27.502	0.007								
27.673	-0.004	27.749	0.017	27.964	0.003	28.026	0.023								
28.116	-0.002	28.233	0.018	28.434	0.013	28.548	0.003								
28.741	-0.007	28.807	0.005	28.968	0.0	29.104	0.016								
29.202	0.025	29.334	0.010	29.412	0.018	29.505	0.015								
29.628	0.004	29.753	-0.008	29.873	-0.011	30.033	-0.019								
30.139	0.001	30.351	0.001	30.529	0.015	30.613	0.020								
30.741	0.011	30.797	0.014	30.962	0.0	31.201	-0.001								
31.410	0.002	31.599	0.010	31.841	0.012	31.919	-0.003								
32.019	-0.022	32.236	-0.016	32.394	-0.009	32.585	0.002								
32.683	0.003	32.803	0.027	32.937	0.006	33.130	0.0								
33.251	0.010	33.469	0.001	33.581	-0.029	33.727	-0.011								
33.883	0.002	34.000	-0.014	34.125	0.020	34.281	0.011								
34.392	-0.001	34.546	0.013	34.712	0.005	34.830	-0.002								
34.986	-0.014	35.200	-0.003	35.455	0.013	35.568	-0.012								
35.709	-0.011	35.912	0.002	36.082	0.015	36.272	0.011								
36.443	-0.005	36.623	-0.009	36.765	0.002	37.010	-0.005								
37.238	0.008	37.430	0.004	37.575	-0.008	37.750	-0.005								

IV319

52.012. 11/21/52 2346 PST CITY RECREATION BLDG., SAN LUIS OBISPO, CAL UP

535 PCINTS 48.848 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED. THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0305 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.005	0.063	0.019	0.118	-0.003	0.178	-0.003	7.025	-0.036	7.104	-0.006	7.130	-0.014	7.172	0.011	7.433	-0.001
0.214	0.008	0.264	-0.019	0.329	0.006	0.371	-0.012	7.238	-0.028	7.341	-0.014	7.383	-0.031	7.433	-0.001	7.752	0.092
0.424	0.023	0.471	-0.024	0.457	-0.039	0.528	0.001	7.491	0.021	7.522	0.080	7.577	0.026	7.854	0.002	7.864	0.002
0.557	0.014	0.603	-0.023	0.682	-0.033	0.721	0.002	7.710	0.018	7.764	0.033	7.827	0.026	8.103	-0.073	8.103	-0.073
0.778	0.010	0.807	0.051	0.838	0.069	0.877	0.020	7.939	0.011	7.991	-0.013	8.045	-0.041	8.363	0.024	8.363	0.024
0.919	-0.036	0.950	-0.068	1.070	-0.052	1.098	0.001	8.170	-0.041	8.243	-0.033	8.300	-0.001	8.555	0.051	8.555	0.051
1.109	0.039	1.139	0.056	1.188	0.032	1.251	0.076	8.456	0.043	8.511	0.082	8.555	0.051	8.846	-0.038	8.846	-0.038
1.269	0.015	1.282	-0.042	1.307	-0.004	1.351	-0.004	8.652	-0.031	8.697	-0.055	8.788	-0.082	9.014	-0.011	9.014	-0.011
1.374	0.067	1.399	0.097	1.435	0.111	1.470	0.080	8.893	-0.007	8.930	0.018	8.948	0.018	9.261	-0.007	9.261	-0.007
1.547	0.046	1.598	0.164	1.623	0.028	1.661	-0.114	9.096	-0.012	9.139	-0.024	9.181	0.004	9.508	0.043	9.508	0.043
1.679	-0.199	1.774	-0.040	1.827	-0.120	1.868	-0.083	9.330	0.002	9.420	0.037	9.508	0.052	9.788	0.035	9.788	0.035
1.909	-0.066	1.944	0.034	1.990	0.185	2.027	0.292	9.641	0.023	9.676	0.006	9.730	0.018	10.129	0.017	10.129	0.017
2.050	0.244	2.105	0.099	2.149	0.084	2.178	-0.038	9.863	-0.012	9.938	0.039	10.055	-0.010	10.441	-0.010	10.441	-0.010
2.219	-0.112	2.220	-0.174	2.251	-0.203	2.280	-0.156	10.237	-0.002	10.306	-0.013	10.361	0.0	10.792	0.006	10.792	0.006
2.293	-0.065	2.319	0.057	2.348	0.099	2.413	0.102	10.535	0.0	10.620	-0.050	10.736	-0.036	11.077	0.043	11.077	0.043
2.442	0.048	2.455	-0.053	2.481	-0.170	2.512	-0.232	10.883	0.030	10.975	0.026	11.019	0.026	11.358	0.015	11.358	0.015
2.541	-0.102	2.568	-0.011	2.623	-0.065	2.688	0.021	11.139	0.011	11.194	0.020	11.254	-0.010	11.632	0.049	11.632	0.049
2.748	-0.036	2.822	0.136	2.879	-0.006	2.916	-0.011	11.401	0.008	11.486	0.030	11.551	0.042	11.910	0.024	11.910	0.024
2.966	-0.104	3.008	-0.146	3.058	-0.183	3.105	-0.062	11.687	0.046	11.782	0.014	11.847	0.024	12.304	-0.050	12.304	-0.050
3.137	-0.062	3.197	0.019	3.219	0.094	3.247	0.114	11.965	-0.010	12.071	-0.008	12.169	-0.019	12.628	0.011	12.628	0.011
3.276	0.046	3.303	-0.040	3.324	-0.062	3.355	-0.028	12.404	-0.036	12.479	-0.016	12.557	-0.019	12.842	0.039	12.842	0.039
3.374	0.035	3.397	0.083	3.440	0.014	3.482	-0.053	12.664	0.0	12.724	0.049	12.784	0.045	13.099	0.005	13.099	0.005
3.542	0.056	3.608	0.070	3.660	0.009	3.694	-0.040	12.956	0.057	13.017	0.029	13.051	0.005	13.414	-0.010	13.414	-0.010
3.757	-0.055	3.815	-0.095	3.847	-0.063	3.883	0.058	13.176	-0.039	13.219	-0.012	13.266	-0.025	13.639	0.023	13.639	0.023
3.910	0.088	3.944	0.085	3.988	0.016	4.049	0.038	13.547	-0.016	13.639	-0.001	13.735	-0.015	14.157	0.003	14.157	0.003
4.083	0.035	4.154	0.070	4.190	0.040	4.233	0.002	14.000	-0.007	14.043	-0.001	14.091	-0.017	14.432	-0.017	14.432	-0.017
4.290	-0.001	4.343	-0.103	4.357	-0.109	4.435	-0.138	14.247	-0.004	14.300	-0.031	14.407	-0.012	14.731	0.036	14.731	0.036
4.456	-0.095	4.489	0.037	4.504	0.041	4.550	0.028	14.484	-0.030	14.553	-0.002	14.642	0.024	15.147	0.032	15.147	0.032
4.581	0.023	4.675	0.063	4.721	0.029	4.785	0.041	14.770	0.061	14.853	0.063	14.920	0.065	15.276	-0.038	15.276	-0.038
4.815	-0.001	4.894	-0.117	4.948	-0.045	5.005	0.031	15.070	-0.013	15.147	-0.005	15.177	-0.018	15.636	0.005	15.636	0.005
5.057	0.075	5.098	0.088	5.132	0.040	5.171	-0.030	15.381	-0.031	15.490	-0.014	15.543	-0.027	16.307	-0.001	16.307	-0.001
5.211	-0.080	5.257	-0.028	5.291	0.026	5.338	-0.019	15.727	0.019	15.806	0.028	15.889	0.030	16.654	-0.017	16.654	-0.017
5.380	0.018	5.419	0.041	5.445	-0.046	5.497	0.024	16.114	-0.002	16.164	-0.012	16.222	0.007	17.110	-0.011	17.110	-0.011
5.549	0.018	5.619	-0.030	5.650	-0.018	5.713	0.048	16.381	-0.017	16.453	-0.003	16.560	0.015	17.451	0.004	17.451	0.004
5.772	-0.009	5.816	0.028	5.847	0.046	5.894	0.051	16.795	0.005	16.826	-0.011	16.943	0.013	18.015	0.004	18.015	0.004
5.933	0.082	5.982	0.063	6.019	0.011	6.066	-0.053	17.253	0.011	17.310	-0.004	17.451	0.004	18.297	0.024	18.297	0.024
6.100	-0.089	6.163	-0.043	6.207	-0.018	6.277	0.033	17.740	0.002	17.808	0.019	17.921	0.011	18.645	0.017	18.645	0.017
6.327	0.058	6.382	0.016	6.431	0.045	6.494	0.002	18.095	0.018	18.208	0.032	18.297	0.024	19.054	0.003	19.054	0.003
6.561	-0.016	6.614	0.013	6.638	0.004	6.680	0.004	18.483	0.007	18.555	0.004	18.645	0.017	18.797	0.019	18.797	0.019
6.818	-0.001	6.818	0.001	6.887	-0.045	6.962	-0.067	18.938	0.024	19.054	0.021	19.130	0.003	19.204	-0.007	19.204	-0.007

19.272	-0.020	19.343	-0.013	19.476	-0.016	19.557	-0.036
19.663	-0.027	19.777	-0.010	19.681	-0.019	19.972	-0.006
20.034	0.006	20.137	0.012	20.220	0.026	20.308	0.028
20.416	0.016	20.473	0.017	20.571	0.003	20.709	0.003
20.771	0.022	20.848	0.017	20.930	0.021	21.008	0.024
21.127	0.011	21.216	0.0	21.316	0.008	21.367	0.0
21.435	0.010	21.499	-0.001	21.587	0.019	21.654	0.011
21.772	0.003	21.859	0.018	21.921	0.001	21.982	-0.014
22.028	0.001	22.092	-0.024	22.195	-0.017	22.287	-0.005
22.402	0.007	22.466	0.021	22.567	0.017	22.710	-0.018
22.823	0.002	22.942	-0.020	23.004	0.008	23.082	0.023
23.157	0.001	23.224	-0.011	23.276	0.004	23.311	0.015
23.373	-0.002	23.432	0.018	23.480	0.023	23.522	0.006
23.543	-0.004	23.606	0.028	23.669	0.022	23.761	0.035
23.806	0.022	23.843	0.012	23.903	0.032	23.945	0.022
24.008	0.005	24.047	0.015	24.116	-0.010	24.179	0.007
24.221	-0.002	24.257	-0.017	24.326	0.0	24.420	-0.032
24.446	-0.020	24.491	-0.028	24.566	0.0	24.675	-0.013
24.763	-0.006	24.841	-0.003	24.903	-0.013	24.991	-0.009
25.084	0.008	25.156	0.025	25.218	0.009	25.278	-0.009
25.319	0.004	25.386	-0.007	25.482	0.013	25.599	0.006
25.737	0.015	25.774	0.022	25.852	0.008	25.891	-0.004
25.988	0.007	26.035	0.020	26.085	0.032	26.167	0.020
26.227	0.005	26.334	-0.001	26.407	0.005	26.530	-0.011
26.632	-0.001	26.768	-0.004	26.901	-0.003	27.000	0.008
27.111	-0.014	27.215	-0.007	27.303	0.001	27.416	-0.006
27.549	0.006	27.629	-0.010	27.777	0.003	27.852	-0.004
27.927	0.010	28.064	-0.008	28.207	-0.002	28.352	0.005
28.519	0.017	28.688	0.009	28.773	0.016	28.937	0.004
29.059	0.007	29.192	-0.009	29.316	-0.004	29.412	-0.013
29.576	-0.008	29.725	0.005	29.957	0.017	30.070	0.015
30.187	-0.006	30.368	0.001	30.450	-0.013	30.558	-0.020
30.723	-0.009	30.936	-0.005	31.090	0.008	31.261	-0.008
31.450	0.007	31.596	-0.004	31.801	-0.009	31.880	-0.016
32.024	-0.006	32.272	-0.013	32.453	-0.008	32.730	-0.007
32.883	0.003	33.041	0.008	33.241	0.001	33.356	-0.002
33.523	-0.007	33.633	-0.009	33.786	-0.006	33.937	-0.004
34.073	0.007	34.249	0.005	34.348	0.007	34.473	-0.012
34.626	-0.005	34.780	-0.006	34.973	0.001	35.138	0.001
35.238	0.012	35.362	0.005	35.534	-0.012	35.724	0.001
35.873	0.011	36.030	-0.006	36.245	0.002	36.490	0.005
36.555	0.012	36.850	-0.001	37.097	-0.005	37.207	0.007
37.457	0.0	37.679	0.002	37.873	0.002	38.088	-0.019
38.388	-0.004	38.761	-0.001	39.043	-0.008	39.292	-0.015
39.482	-0.009	39.606	-0.005	39.977	-0.001	40.362	-0.008
40.684	-0.009	40.588	-0.006	41.227	0.001	41.413	-0.008
41.550	-0.013	41.826	-0.003	42.088	-0.012	42.344	-0.007
42.552	-0.001	42.766	-0.009	43.005	-0.004	43.230	0.002
43.468	-0.008	43.656	-0.007	43.931	-0.004	44.161	0.003
44.360	-0.001	44.598	-0.004	44.853	-0.016	45.111	-0.012
45.281	0.018	45.523	-0.008	45.744	0.002	45.975	-0.005
46.234	-0.003	46.520	-0.007	46.899	-0.004	47.179	0.0
47.418	0.003	47.677	-0.001	47.928	0.003	48.152	-0.005
48.361	-0.010	48.591	-0.004	48.848	-0.001		

IV320

57.001. 3/22/57 1048PST SOUTHERN PACIFIC BLDG., BSMT, SAN FRANCISCO, CAL N45E

727 FCPTS 35.686 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0030 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.010	0.017	-0.020	0.060	-0.018	0.086	-0.003	4.773	-0.002	4.805	0.001	4.862	0.001	4.937	0.002	4.937	0.002	4.937	0.002
0.093	0.005	0.106	0.010	0.120	0.012	0.126	0.017	4.987	0.002	5.008	0.002	5.058	0.002	5.118	0.0	5.118	0.0	5.118	0.0
0.130	0.025	0.163	0.017	0.187	0.012	0.210	0.005	5.158	0.0	5.209	0.001	5.238	-0.002	5.281	-0.004	5.281	-0.004	5.281	-0.004
0.224	-0.005	0.244	-0.010	0.278	-0.007	0.294	-0.004	5.318	-0.004	5.358	-0.001	5.397	0.002	5.456	0.002	5.456	0.002	5.456	0.002
0.321	0.003	0.348	-0.002	0.368	-0.006	0.402	-0.006	5.513	0.002	5.568	0.0	5.618	0.0	5.665	0.001	5.665	0.001	5.665	0.001
0.432	-0.013	0.452	-0.013	0.476	-0.013	0.503	-0.008	5.698	-0.002	5.756	-0.002	5.788	-0.004	5.864	-0.003	5.864	-0.003	5.864	-0.003
0.520	-0.005	0.536	-0.003	0.563	-0.005	0.583	-0.002	5.896	-0.001	5.911	0.002	5.925	0.004	5.961	0.004	5.961	0.004	5.961	0.004
0.600	0.0	0.617	0.005	0.627	0.008	0.644	0.010	6.001	0.007	6.044	0.007	6.084	0.005	6.120	0.0	6.120	0.0	6.120	0.0
0.668	0.013	0.672	0.020	0.695	0.013	0.733	0.009	6.170	-0.002	6.219	-0.002	6.273	-0.001	6.325	-0.001	6.325	-0.001	6.325	-0.001
0.753	-0.001	0.787	-0.008	0.794	-0.011	0.818	-0.008	6.368	-0.001	6.414	0.002	6.468	0.002	6.528	0.002	6.528	0.002	6.528	0.002
0.848	-0.003	0.869	0.002	0.896	0.007	0.920	0.002	6.574	0.003	6.624	0.003	6.681	0.003	6.723	0.003	6.723	0.003	6.723	0.003
0.950	-0.002	0.971	-0.007	0.995	-0.009	1.025	-0.009	6.766	0.001	6.816	-0.001	6.852	-0.002	6.898	0.002	6.898	0.002	6.898	0.002
1.063	-0.006	1.076	0.001	1.103	0.011	1.131	0.009	6.966	0.002	6.991	0.002	7.012	0.003	7.076	0.003	7.076	0.003	7.076	0.003
1.159	0.004	1.187	-0.001	1.211	-0.005	1.221	-0.010	7.116	0.003	7.140	0.006	7.180	0.003	7.219	0.004	7.219	0.004	7.219	0.004
1.245	-0.010	1.287	-0.010	1.325	-0.005	1.353	0.001	7.251	0.001	7.283	0.004	7.311	0.007	7.361	0.007	7.361	0.007	7.361	0.007
1.363	0.003	1.395	-0.002	1.408	-0.006	1.436	-0.009	7.410	0.004	7.474	0.005	7.524	0.002	7.567	0.0	7.567	0.0	7.567	0.0
1.467	-0.009	1.526	-0.003	1.561	0.002	1.578	0.007	7.620	0.0	7.651	0.0	7.700	0.003	7.746	0.003	7.746	0.003	7.746	0.003
1.582	0.012	1.613	0.007	1.648	0.007	1.688	0.005	7.791	0.003	7.847	0.001	7.903	0.001	7.934	-0.004	7.934	-0.004	7.934	-0.004
1.723	0.003	1.748	-0.002	1.773	-0.004	1.801	-0.004	7.986	-0.003	8.011	-0.001	8.049	-0.001	8.095	-0.003	8.095	-0.003	8.095	-0.003
1.823	-0.004	1.844	-0.001	1.862	0.002	1.887	0.002	8.133	-0.001	8.168	0.002	8.199	0.002	8.254	0.002	8.254	0.002	8.254	0.002
1.915	-0.001	1.933	-0.005	1.961	-0.008	1.986	-0.005	8.306	0.002	8.376	0.0	8.428	0.0	8.473	-0.002	8.473	-0.002	8.473	-0.002
2.021	-0.002	2.046	0.003	2.057	0.005	2.082	0.005	8.532	-0.002	8.584	-0.002	8.667	0.001	8.685	0.004	8.685	0.004	8.685	0.004
2.096	0.010	2.132	0.008	2.160	0.003	2.185	-0.002	8.732	-0.004	8.768	-0.001	8.795	-0.003	8.837	-0.006	8.837	-0.006	8.837	-0.006
2.214	-0.004	2.253	-0.006	2.256	-0.003	2.329	-0.006	8.889	-0.008	8.927	-0.005	8.968	-0.003	9.013	0.0	9.013	0.0	9.013	0.0
2.357	0.005	2.400	-0.005	2.432	-0.007	2.472	-0.010	9.069	0.0	9.127	0.0	9.210	-0.002	9.244	-0.002	9.244	-0.002	9.244	-0.002
2.511	-0.007	2.558	-0.002	2.579	0.003	2.604	0.006	9.299	0.001	9.368	-0.001	9.409	-0.001	9.481	-0.003	9.481	-0.003	9.481	-0.003
2.647	0.006	2.682	0.004	2.718	0.004	2.768	0.007	9.523	-0.001	9.571	0.002	9.629	0.002	9.688	-0.003	9.688	-0.003	9.688	-0.003
2.786	0.007	2.836	0.005	2.875	0.005	2.925	0.003	9.743	-0.003	9.822	-0.005	9.877	-0.005	9.943	-0.002	9.943	-0.002	9.943	-0.002
2.957	0.0	2.996	-0.002	3.032	-0.007	3.068	-0.006	10.022	-0.002	10.073	-0.002	10.132	0.001	10.191	0.001	10.191	0.001	10.191	0.001
3.128	-0.004	3.196	-0.003	3.218	-0.001	3.239	0.0	10.260	-0.001	10.322	-0.001	10.394	-0.001	10.453	-0.001	10.453	-0.001	10.453	-0.001
3.271	0.0	3.314	0.0	3.354	0.003	3.375	0.003	10.526	0.0	10.567	0.0	10.626	0.0	10.677	0.0	10.677	0.0	10.677	0.0
3.400	0.008	3.418	0.006	3.475	0.003	3.511	-0.001	10.728	0.001	10.776	0.001	10.828	-0.001	10.883	-0.001	10.883	-0.001	10.883	-0.001
3.565	-0.004	3.586	-0.001	3.622	-0.001	3.661	0.002	10.941	-0.001	10.982	-0.003	11.047	-0.003	11.091	0.002	11.091	0.002	11.091	0.002
3.704	0.005	3.714	0.005	3.785	0.005	3.810	0.005	11.119	-0.003	11.184	0.0	11.235	-0.003	11.266	0.0	11.266	0.0	11.266	0.0
3.856	0.003	3.899	0.001	3.945	0.001	3.984	-0.004	11.324	-0.002	11.375	-0.002	11.419	0.0	11.446	-0.002	11.446	-0.002	11.446	-0.002
4.027	-0.004	4.069	-0.003	4.098	-0.003	4.151	-0.001	11.477	0.0	11.518	-0.002	11.569	0.001	11.610	0.003	11.610	0.003	11.610	0.003
4.197	0.002	4.218	0.002	4.243	0.005	4.271	0.005	11.651	0.006	11.675	0.006	11.733	0.004	11.760	-0.001	11.760	-0.001	11.760	-0.001
4.313	0.003	4.363	0.003	4.412	0.003	4.441	-0.002	11.787	-0.001	11.865	-0.001	11.950	-0.001	12.008	-0.001	12.008	-0.001	12.008	-0.001
4.479	-0.004	4.507	-0.006	4.553	-0.003	4.581	-0.001	12.090	-0.001	12.154	-0.001	12.195	-0.001	12.262	-0.001	12.262	-0.001	12.262	-0.001
4.617	0.002	4.652	0.002	4.702	0.003	4.730	0.0	12.299	-0.006	12.353	-0.003	12.448	-0.003	12.525	-0.001	12.525	-0.001	12.525	-0.001

57.001. 3/22/57 1048PST SOUTHERN PACIFIC BLDG., BSMT, SAN FRANCISCO, CAL N45W

728 POINTS 35.675 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0028 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.024	0.037	-0.019	0.050	-0.006	0.067	0.003	5.944	0.004	5.980	0.007	6.006	0.005	6.063	0.005
0.100	0.011	0.107	0.011	0.147	0.009	0.157	0.001	6.106	0.003	6.152	0.003	6.177	0.001	6.216	-0.002
0.158	-0.001	0.221	-0.001	0.251	0.004	0.278	0.004	6.294	-0.002	6.294	-0.001	6.343	0.001	6.386	0.004
0.305	0.004	0.332	0.002	0.356	-0.001	0.382	-0.001	6.432	0.004	6.471	0.007	6.514	0.004	6.542	0.002
0.403	0.002	0.406	0.002	0.433	0.002	0.463	-0.001	6.613	-0.003	6.645	-0.003	6.670	-0.005	6.692	-0.005
0.493	-0.005	0.537	-0.003	0.574	0.002	0.598	0.005	6.720	-0.002	6.763	-0.002	6.827	-0.002	6.859	0.001
0.618	0.008	0.639	0.013	0.666	0.002	0.700	0.011	6.902	0.001	6.916	0.001	6.970	0.001	7.003	0.001
0.737	0.006	0.758	0.001	0.775	-0.004	0.809	-0.004	7.027	0.001	7.059	0.004	7.102	0.004	7.137	0.007
0.850	-0.001	0.887	0.002	0.918	0.002	0.941	0.004	7.176	0.004	7.212	0.004	7.258	0.002	7.315	0.001
0.965	0.005	0.982	0.005	1.006	0.007	1.040	0.012	7.357	0.003	7.386	0.003	7.428	0.001	7.482	0.001
1.1064	0.012	1.106	0.003	1.133	-0.002	1.165	-0.012	7.524	-0.001	7.588	-0.001	7.609	0.002	7.657	0.005
1.1175	-0.014	1.230	-0.011	1.262	-0.006	1.286	-0.001	7.699	0.005	7.755	0.0	7.794	0.0	7.832	-0.002
1.1327	0.001	1.345	0.004	1.373	0.002	1.397	0.002	7.863	0.001	7.895	0.001	7.923	0.004	7.951	0.001
1.1428	-0.003	1.452	-0.005	1.480	0.0	1.494	0.002	8.017	0.002	8.076	0.002	8.132	0.002	8.180	0.0
1.1511	0.007	1.535	0.012	1.556	0.015	1.555	0.015	8.226	0.003	8.278	0.003	8.316	0.003	8.347	0.0
1.1617	0.010	1.638	0.003	1.663	0.001	1.684	-0.004	8.378	0.003	8.406	0.003	8.465	0.006	8.496	0.006
1.1723	-0.006	1.762	-0.004	1.794	-0.001	1.819	0.004	8.538	0.006	8.583	0.004	8.632	-0.001	8.659	-0.001
1.1833	0.006	1.872	0.007	1.922	0.004	1.975	0.007	8.694	-0.006	8.756	-0.003	8.801	-0.001	8.839	0.002
2.014	0.005	2.061	0.005	2.114	0.003	2.147	0.003	8.901	0.002	8.943	0.005	8.974	0.002	9.043	0.003
2.193	0.001	2.232	-0.004	2.285	-0.006	2.290	-0.009	9.098	0.003	9.140	0.003	9.195	0.006	9.229	0.006
2.255	-0.009	2.372	-0.008	2.408	-0.008	2.440	-0.005	9.267	0.006	9.308	0.006	9.353	0.004	9.404	0.002
2.479	-0.003	2.515	0.003	2.562	0.005	2.601	0.003	9.456	0.0	9.518	0.0	9.580	0.003	9.638	0.0
2.658	0.003	2.718	0.004	2.740	0.001	2.757	0.004	9.690	0.003	9.759	-0.002	9.803	-0.001	9.869	-0.001
3.029	0.005	3.064	0.007	3.100	-0.004	3.139	-0.003	9.924	0.002	9.968	-0.001	10.044	0.002	10.072	0.002
3.157	-0.001	3.215	0.002	3.240	0.007	3.290	0.005	10.127	0.005	10.162	0.005	10.200	0.003	10.235	0.003
3.329	0.0	3.365	-0.005	3.415	-0.002	3.461	-0.002	10.307	0.003	10.379	0.0	10.424	0.0	10.479	0.001
3.3515	-0.004	3.547	-0.002	3.615	-0.001	3.657	0.001	10.535	-0.002	10.590	0.001	10.655	0.001	10.699	0.001
3.675	0.001	3.732	0.001	3.764	-0.001	3.810	0.002	10.751	0.001	10.781	0.001	10.823	0.001	10.891	0.001
3.984	0.002	3.864	0.009	3.885	0.012	3.920	0.010	10.932	0.001	10.983	0.001	11.018	0.002	11.066	-0.001
4.211	0.001	4.271	0.003	4.313	0.004	4.359	0.004	11.124	0.002	11.185	-0.001	11.233	-0.003	11.267	-0.003
4.422	-0.001	4.450	-0.006	4.493	-0.011	4.539	-0.010	11.325	-0.002	11.393	-0.002	11.462	-0.002	11.499	-0.002
4.599	-0.008	4.656	-0.005	4.684	-0.002	4.727	0.005	11.550	-0.001	11.615	0.002	11.690	0.004	11.758	0.005
4.756	-0.002	4.827	0.001	4.891	0.001	4.933	0.003	11.805	0.002	11.873	0.002	11.938	0.0	12.010	-0.002
4.983	0.001	5.037	0.001	5.091	-0.001	5.123	0.003	12.249	0.001	12.300	0.001	12.361	0.001	12.411	-0.002
5.170	0.004	5.221	0.005	5.286	0.003	5.341	0.003	12.071	-0.005	12.118	-0.002	12.172	0.001	12.206	0.001
5.388	0.001	5.417	-0.002	5.457	-0.006	5.518	-0.008	12.465	0.001	12.519	-0.002	12.587	0.001	12.641	-0.002
5.598	-0.005	5.641	-0.005	5.702	-0.005	5.746	-0.006	12.708	-0.002	12.762	-0.002	12.813	0.001	12.870	0.001
5.840	0.004	5.840	0.004	5.858	0.006	5.894	0.006	12.928	-0.002	12.979	-0.004	13.036	-0.004	13.084	-0.002
5.989	0.001	5.989	0.001	6.006	0.006	6.066	0.006	13.128	-0.002	13.196	-0.004	13.244	-0.004	13.303	-0.004
6.006	0.001	6.006	0.001	6.066	0.006	6.066	0.006	13.363	-0.001	13.424	-0.004	13.492	-0.004	13.543	-0.001

IV320

57.001. 3/22/57 1048PST SOUTHERN PACIFIC BLDG., BSMT, SAN FRANCISCO, CAL UP

688 PCINTS. 35.596 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0033 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.010	0.013	-0.015	0.027	-0.020	0.043	-0.017	5.137	0.002	5.216	0.0	5.267	0.003	5.300	0.001	5.345	-0.001	5.380	0.001
0.070	-0.010	0.080	-0.005	0.100	0.0	0.124	0.005	5.325	0.003	5.368	0.001	5.390	0.001	5.415	0.001	5.445	-0.002	5.475	0.002
0.151	0.010	0.164	0.008	0.181	0.003	0.201	-0.007	5.470	-0.001	5.499	0.004	5.549	0.004	5.599	0.004	5.649	0.004	5.699	0.004
0.208	-0.007	0.228	-0.007	0.248	-0.005	0.268	0.003	5.661	0.002	5.719	0.0	5.762	0.0	5.813	0.0	5.863	0.0	5.913	0.0
0.295	0.008	0.309	0.003	0.329	0.003	0.352	-0.004	5.849	0.002	5.889	0.005	5.932	0.003	5.968	0.003	6.008	0.003	6.048	0.003
0.363	-0.007	0.383	-0.012	0.406	-0.012	0.426	-0.009	6.004	-0.003	6.033	0.0	6.052	0.001	6.083	-0.002	6.113	-0.002	6.143	-0.002
0.447	-0.009	0.463	-0.012	0.483	-0.004	0.504	-0.002	6.101	-0.002	6.122	-0.002	6.147	-0.002	6.177	-0.002	6.207	-0.002	6.237	-0.002
0.537	-0.002	0.551	-0.002	0.578	-0.004	0.605	-0.009	6.221	0.001	6.250	0.001	6.281	0.004	6.311	0.004	6.341	0.004	6.371	0.004
0.609	-0.014	0.636	-0.011	0.650	-0.009	0.694	-0.001	6.359	0.004	6.406	0.002	6.445	0.002	6.483	0.002	6.523	0.002	6.563	0.002
0.728	0.001	0.755	0.001	0.772	0.006	0.796	0.006	6.519	0.0	6.551	0.0	6.587	-0.003	6.629	-0.003	6.669	-0.003	6.709	-0.003
0.813	0.001	0.837	-0.001	0.857	0.003	0.874	0.003	6.672	-0.002	6.722	0.0	6.769	0.003	6.808	0.003	6.848	0.003	6.888	0.003
0.891	-0.008	0.905	-0.010	0.911	-0.015	0.935	-0.020	6.843	0.003	6.893	0.001	6.950	0.001	7.013	-0.001	7.073	-0.001	7.133	-0.001
0.952	-0.020	0.986	-0.013	1.003	-0.005	1.034	0.005	7.064	0.0	7.103	0.002	7.132	0.0	7.164	0.0	7.194	0.0	7.224	0.0
1.044	0.0	1.083	-0.007	1.114	-0.010	1.128	-0.005	7.196	0.0	7.245	-0.002	7.317	-0.004	7.377	-0.001	7.437	-0.001	7.497	-0.001
1.152	0.003	1.193	0.003	1.225	0.001	1.252	-0.005	7.427	-0.001	7.474	0.0	7.533	0.002	7.599	0.002	7.665	0.002	7.731	0.002
1.280	-0.011	1.311	-0.016	1.339	-0.011	1.367	-0.003	7.655	0.0	7.743	0.0	7.795	0.001	7.851	-0.002	7.907	-0.002	7.963	-0.002
1.405	0.007	1.425	0.007	1.460	0.002	1.471	-0.003	7.893	0.001	7.949	0.001	7.987	0.002	8.025	-0.001	8.063	-0.001	8.101	-0.001
1.505	-0.007	1.540	-0.012	1.586	-0.019	1.604	-0.019	8.070	0.0	8.143	0.0	8.202	0.0	8.268	0.0	8.334	0.0	8.400	0.0
1.654	-0.004	1.700	0.006	1.753	0.001	1.796	-0.008	8.320	0.001	8.373	0.001	8.432	0.001	8.490	0.001	8.548	0.001	8.606	0.001
1.828	-0.010	1.871	-0.010	1.910	0.0	1.942	0.003	8.560	0.002	8.615	0.002	8.681							

13.791	0.003	13.858	0.001	13.929	0.001	13.983	0.001	29.061	-0.002	29.123	0.001	29.197	0.001	29.247	0.001
14.050	0.002	14.106	-0.001	14.169	-0.001	14.238	0.0	29.303	0.0	29.364	0.0	29.432	0.0	29.482	0.002
14.310	0.0	14.379	0.0	14.481	0.003	14.524	0.003	29.534	0.002	29.602	0.0	29.652	0.0	29.710	0.002
14.593	0.003	14.672	0.001	14.737	0.003	14.803	0.003	29.769	0.002	29.815	-0.001	29.862	0.002	29.895	0.001
14.869	0.001	14.928	0.001	15.020	0.002	15.112	0.002	29.945	-0.001	29.997	-0.001	30.056	0.001	30.116	0.001
15.178	0.002	15.277	0.002	15.356	0.002	15.452	0.002	30.163	0.001	30.211	0.001	30.277	-0.002	30.324	-0.002
15.512	0.002	15.603	0.002	15.689	0.0	15.764	0.0	30.361	0.0	30.402	0.0	30.440	0.0	30.484	-0.002
15.872	0.0	15.967	0.0	16.033	0.0	16.106	0.0	30.522	0.0	30.566	0.0	30.607	0.0	30.642	0.0
16.142	0.0	16.228	0.0	16.314	0.0	16.403	0.0	30.680	0.003	30.715	0.003	30.765	0.0	30.813	-0.003
16.469	0.0	16.565	0.0	16.628	0.003	16.688	0.0	30.854	0.0	30.892	0.0	30.946	0.0	30.990	-0.003
16.734	0.0	16.767	0.0	16.810	0.0	16.857	-0.002	31.041	0.0	31.085	0.0	31.158	0.0	31.221	-0.001
16.926	0.0	17.022	0.0	17.084	0.0	17.159	0.003	31.275	-0.003	31.345	-0.001	31.415	-0.001	31.497	-0.001
17.240	0.0	17.311	-0.002	17.380	-0.002	17.432	0.0	31.535	-0.001	31.605	0.001	31.656	-0.002	31.682	-0.002
17.513	0.0	17.570	0.001	17.634	0.003	17.701	0.001	31.720	-0.002	31.767	-0.002	31.815	-0.002	31.866	-0.002
17.781	0.001	17.832	0.001	17.919	0.001	17.986	0.001	31.907	-0.002	31.939	-0.002	31.980	-0.002	32.022	-0.003
18.072	0.002	18.124	0.002	18.162	-0.001	18.233	0.0	32.060	0.0	32.089	0.0	32.127	0.0	32.188	-0.003
18.301	0.0	18.369	0.002	18.430	0.002	18.494	0.002	32.245	-0.003	32.290	-0.001	32.315	-0.001	32.347	-0.001
18.553	0.002	18.637	0.002	18.690	0.002	18.820	0.003	32.395	-0.001	32.440	-0.001	32.462	-0.001	32.497	-0.001
18.846	0.003	18.941	0.003	19.013	0.003	19.081	0.003	32.542	-0.004	32.605	-0.002	32.669	-0.002	32.720	-0.002
19.169	0.003	19.283	0.003	19.361	0.003	19.446	0.003	32.764	-0.002	32.806	0.0	32.841	0.0	32.885	0.0
19.537	0.003	19.635	0.003	19.732	0.003	19.876	0.003	32.930	-0.002	32.980	0.0	33.041	0.0	33.101	0.0
19.974	0.003	20.085	0.003	20.216	0.003	20.324	0.003	33.168	0.0	33.235	-0.003	33.273	-0.003	33.314	-0.001
20.429	0.003	20.547	0.003	20.664	0.003	20.771	0.003	33.349	-0.001	33.381	-0.001	33.400	-0.001	33.441	-0.001
20.901	0.003	20.975	0.003	21.053	0.003	21.069	0.005	33.464	0.001	33.521	0.001	33.546	-0.001	33.587	0.001
21.130	0.005	21.185	0.005	21.242	0.002	21.287	0.0	33.650	-0.002	33.697	0.001	33.725	-0.002	33.779	0.0
21.352	0.0	21.400	0.0	21.461	0.002	21.528	0.002	33.826	0.0	33.863	0.0	33.914	0.0	33.951	0.0
21.592	0.0	21.653	0.002	21.717	0.002	21.759	0.002	33.998	0.0	34.061	0.0	34.098	0.0	34.129	0.0
21.833	0.002	21.910	0.001	21.980	0.001	22.051	0.003	34.160	0.0	34.169	0.002	34.191	-0.001	34.238	0.002
22.125	0.001	22.189	0.001	22.269	-0.002	22.324	-0.002	34.300	-0.001	34.312	0.001	34.349	-0.001	34.374	-0.001
22.398	-0.002	22.488	0.0	22.565	0.0	22.656	0.0	34.427	0.001	34.479	0.001	34.541	-0.002	34.576	-0.002
22.721	-0.002	22.776	0.0	22.821	0.0	22.883	0.0	34.588	0.0	34.635	0.0	34.726	0.0	34.757	0.0
22.948	0.002	23.051	0.0	23.160	0.0	23.249	0.002	34.838	-0.003	34.857	-0.001	34.922	-0.001	34.960	-0.001
23.339	0.002	23.419	-0.001	23.495	-0.001	23.578	0.001	34.997	0.001	35.035	0.001	35.073	-0.001	35.149	-0.002
23.677	0.001	23.772	0.0	23.861	0.0	23.950	0.0	35.187	-0.002	35.225	0.001	35.263	-0.002	35.298	-0.002
23.992	0.0	24.078	0.0	24.155	0.0	24.223	-0.001	35.345	0.001	35.387	0.0	35.429	-0.002	35.470	0.0
24.284	-0.001	24.387	-0.001	24.487	-0.001	24.593	-0.002	35.518	-0.002	35.545	0.0	35.574	-0.002	35.596	0.0
24.657	-0.004	24.760	-0.004	24.798	-0.002	24.865	-0.002								
24.914	-0.002	24.978	-0.002	25.019	0.0	25.093	-0.002								
25.156	0.0	25.220	-0.002	25.300	0.0	25.338	-0.002								
25.411	-0.002	25.443	0.0	25.519	0.0	25.577	-0.002								
25.640	-0.002	25.694	0.0	25.736	0.0	25.780	0.0								
25.831	0.0	25.885	-0.003	25.958	-0.003	26.025	0.0								
26.100	0.0	26.176	0.0	26.248	-0.001	26.314	0.002								
26.358	0.002	26.414	0.001	26.468	0.001	26.540	0.001								
26.602	-0.002	26.687	-0.002	26.752	-0.002	26.802	0.0								
26.874	0.0	26.937	0.0	27.006	0.0	27.069	0.0								
27.119	0.0	27.167	0.0	27.202	-0.001	27.253	-0.001								
27.319	-0.001	27.358	-0.001	27.392	-0.001	27.431	-0.001								
27.475	0.001	27.510	-0.001	27.561	-0.001	27.602	-0.002								
27.647	-0.002	27.670	-0.002	27.698	-0.002	27.743	-0.002								
27.775	-0.002	27.804	0.001	27.845	-0.002	27.893	0.001								
27.957	-0.002	28.005	0.001	28.063	0.001	28.101	0.001								
28.149	0.001	28.223	-0.002	28.281	-0.002	28.310	0.001								
28.391	-0.001	28.426	-0.001	28.490	0.001	28.529	0.004								
28.586	0.001	28.660	-0.001	28.711	0.001	28.769	0.001								
28.820	0.001	28.884	0.001	28.957	0.001	29.008	0.001								

IV321

57.011. 3/22/57 1144PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL. N26E

1836 POINTS 84.482 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.1162 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.055	0.014	-0.218	0.025	-0.288	0.039	-0.294	2.614	0.123	2.634	-0.053	2.654	-0.148	2.684	-0.138	2.708	-0.141
0.056	-0.244	0.067	-0.067	0.081	0.071	0.095	0.178	2.708	-0.141	2.732	-0.085	2.752	0.054	2.766	0.123	2.789	0.104
0.109	0.298	0.119	0.342	0.137	0.374	0.151	0.342	2.789	0.104	2.816	0.016	2.833	-0.103	2.857	-0.229	2.864	-0.317
0.165	0.285	0.168	0.145	0.182	0.065	0.196	-0.023	2.864	-0.317	2.884	-0.361	2.904	-0.330	2.928	-0.210	2.941	-0.065
0.207	-0.061	0.218	-0.118	0.235	-0.105	0.260	-0.074	2.941	-0.065	2.954	0.023	2.968	0.074	2.991	0.093	3.008	0.042
0.277	-0.036	0.288	0.021	0.291	0.065	0.302	0.109	3.008	0.042	3.024	-0.052	3.041	-0.159	3.064	-0.196	3.084	-0.133
0.316	0.109	0.330	0.065	0.337	-0.011	0.354	-0.074	3.084	-0.133	3.104	-0.077	3.118	0.018	3.131	0.131	3.151	0.232
0.365	-0.162	0.379	-0.244	0.382	-0.288	0.393	-0.344	3.151	0.232	3.181	0.283	3.208	0.258	3.231	0.195	3.258	0.170
0.414	-0.357	0.431	-0.332	0.445	-0.262	0.463	-0.181	3.258	0.170	3.284	0.139	3.311	0.170	3.338	0.227	3.364	0.309
0.491	-0.155	0.512	-0.086	0.530	-0.029	0.554	0.008	3.364	0.309	3.384	0.391	3.408	0.423	3.431	0.360	3.451	0.240
0.568	0.052	0.582	0.103	0.596	0.141	0.614	0.204	3.451	0.240	3.477	0.077	3.497	0.008	3.514	-0.031	3.537	-0.137
0.628	0.241	0.642	0.210	0.659	0.135	0.670	0.103	3.537	-0.137	3.557	-0.099	3.593	-0.049	3.620	0.008	3.653	-0.004
0.680	0.008	0.687	-0.099	0.694	-0.231	0.705	-0.357	3.653	-0.004	3.686	-0.029	3.713	-0.054	3.749	-0.029	3.782	-0.048
0.712	-0.565	0.719	-0.829	0.740	-0.873	0.750	-0.798	3.782	-0.048	3.826	-0.092	3.855	-0.123	3.885	-0.091	3.928	-0.060
0.764	-0.684	0.771	-0.565	0.782	-0.382	0.789	-0.174	3.928	-0.060	3.951	-0.079	3.987	-0.192	4.007	-0.267	4.033	-0.274
0.796	0.015	0.799	0.191	0.810	0.355	0.813	0.525	4.033	-0.274	4.065	-0.254	4.082	-0.229	4.101	-0.217	4.127	-0.223
0.824	0.682	0.827	0.833	0.845	0.890	0.859	0.846	4.127	-0.223	4.160	-0.254	4.186	-0.241	4.225	-0.147	4.261	-0.014
0.880	0.785	0.883	0.657	0.894	0.506	0.908	0.298	4.261	-0.014	4.290	0.099	4.330	0.225	4.372	0.276	4.431	0.213
0.911	0.128	0.922	-0.017	0.936	-0.168	0.956	-0.155	4.431	0.213	4.460	0.307	4.493	0.364	4.516	0.345	4.562	0.226
0.990	-0.042	1.004	0.115	1.018	0.254	1.035	0.323	4.562	0.226	4.598	0.150	4.630	0.112	4.657	0.106	4.693	0.131
1.045	0.348	1.073	0.304	1.090	0.153	1.104	0.046	4.693	0.131	4.722	0.093	4.745	0.011	4.784	0.005	4.830	0.043
1.131	-0.011	1.145	-0.048	1.169	-0.017	1.193	0.008	4.830	0.043	4.866	0.074	4.892	0.049	4.928	-0.032	4.955	-0.133
1.210	0.040	1.234	0.071	1.251	0.128	1.275	0.147	4.955	-0.133	4.981	-0.171	5.008	-0.152	5.024	-0.140	5.051	-0.171
1.289	0.159	1.306	0.141	1.316	0.052	1.330	-0.011	5.051	-0.171	5.080	-0.253	5.117	-0.373	5.143	-0.436	5.176	-0.486
1.344	-0.048	1.361	-0.168	1.375	-0.281	1.388	-0.401	5.176	-0.486	5.203	-0.442	5.236	-0.354	5.259	-0.222	5.285	-0.165
1.402	-0.445	1.419	-0.420	1.440	-0.344	1.474	-0.174	5.285	-0.165	5.318	-0.196	5.355	-0.278	5.381	-0.218	5.404	-0.203
1.458	0.002	1.521	0.065	1.542	0.115	1.579	0.147	5.404	-0.203	5.424	-0.096	5.448	0.081	5.471	0.137	5.514	0.156
1.630	0.103	1.661	0.128	1.699	0.147	1.716	0.109	5.514	0.156	5.565	0.150	5.571	0.194	5.615	0.175	5.648	0.175
1.763	-0.187	1.787	-0.370	1.811	-0.495	1.825	-0.521	5.648	0.175	5.691	0.219	5.735	0.301	5.768	0.352	5.805	0.396
1.838	-0.458	1.862	-0.294	1.879	-0.086	1.889	0.159	5.805	0.396	5.845	0.427	5.872	0.408	5.905	0.307	5.945	0.232
1.903	0.329	1.920	0.424	1.937	0.455	1.958	0.411	5.945	0.232	5.985	0.194	6.032	0.181	6.062	0.125	6.089	0.005
1.975	0.317	1.992	0.134	2.006	0.002	2.016	-0.155	6.089	0.005	6.133	-0.114	6.166	-0.215	6.196	-0.310	6.227	-0.316
2.030	-0.256	2.050	-0.332	2.071	-0.300	2.088	-0.281	6.227	-0.316	6.267	-0.285	6.300	-0.316	6.334	-0.435	6.371	-0.474
2.112	-0.168	2.123	0.009	2.136	0.128	2.147	0.242	6.371	-0.474	6.401	-0.474	6.451	-0.380	6.516	-0.222	6.572	-0.090
2.157	0.349	2.177	0.431	2.198	0.387	2.219	0.292	6.572	-0.090	6.619	-0.021	6.658	0.004	6.701	0.010	6.744	0.060
2.232	0.191	2.245	0.091	2.263	-0.004	2.277	-0.054	6.744	0.060	6.777	0.123	6.816	0.243	6.839	0.318	6.862	0.400
2.291	-0.010	2.315	0.078	2.332	0.179	2.349	0.229	6.862	0.400	6.905	0.426	6.955	0.438	6.992	0.488	7.038	0.558
2.373	0.185	2.390	0.028	2.411	-0.148	2.424	-0.274	7.038	0.558	7.042	0.551	7.062	0.476	7.098	0.375	7.125	0.287
2.438	-0.362	2.461	-0.413	2.482	-0.375	2.509	-0.261	7.125	0.287	7.181	0.262	7.218	0.111	7.258	-0.021	7.281	-0.097
2.532	-0.091	2.549	0.066	2.566	0.167	2.593	0.179	7.281	-0.097	7.328	-0.097	7.348	-0.078	7.381	-0.178		

74.869	0.011	74.913	0.017	74.954	0.029	75.005	0.010
75.032	0.017	75.076	0.029	75.134	0.041	75.191	0.029
75.239	0.016	75.290	0.028	75.323	0.022	75.371	0.009
75.425	0.002	75.477	0.008	75.522	0.001	75.573	0.001
75.635	0.007	75.666	0.013	75.732	0.019	75.756	0.013
75.804	0.013	75.838	0.013	75.876	0.025	75.917	0.006
75.980	0.006	76.058	-0.007	76.117	-0.001	76.201	0.005
76.282	0.017	76.369	0.023	76.450	0.023	76.544	0.035
76.604	0.035	76.664	0.023	76.734	0.010	76.765	0.016
76.846	0.015	76.902	0.027	76.940	0.027	76.982	0.014
77.027	0.001	77.073	-0.011	77.153	-0.012	77.198	-0.025
77.237	-0.012	77.296	0.013	77.331	-0.007	77.390	0.005
77.439	0.011	77.502	0.017	77.560	0.030	77.616	0.017
77.661	0.016	77.727	0.022	77.782	0.016	77.824	0.022
77.865	0.028	77.917	0.015	77.986	0.003	78.048	-0.004
78.113	-0.010	78.175	-0.004	78.250	0.002	78.319	-0.011
78.384	-0.023	78.449	-0.017	78.511	-0.004	78.566	0.002
78.618	-0.011	78.670	-0.011	78.718	0.015	78.780	0.033
78.849	0.040	78.917	0.040	78.979	0.040	79.031	0.046
79.086	0.033	79.155	0.021	79.213	0.015	79.292	0.008
79.361	-0.004	79.419	0.002	79.467	-0.004	79.526	-0.011
79.591	-0.023	79.633	-0.011	79.677	-0.011	79.732	0.002
79.788	0.015	79.867	0.008	79.929	0.015	79.977	0.015
80.033	0.027	80.088	0.027	80.147	0.021	80.213	0.027
80.282	0.027	80.338	0.014	80.411	0.014	80.463	0.007
80.525	0.014	80.591	0.001	80.636	0.001	80.688	-0.012
80.754	-0.006	80.841	0.006	80.883	0.019	80.949	0.012
81.230	0.018	81.051	0.018	81.117	0.018	81.174	0.011
81.454	0.019	81.289	0.024	81.349	0.037	81.405	0.025
81.757	0.013	81.518	0.019	81.613	0.013	81.697	0.019
82.036	0.021	81.799	0.020	81.883	0.014	81.939	0.020
82.286	0.021	82.349	0.027	82.384	0.015	82.453	0.021
82.504	0.015	82.573	0.002	82.611	0.002	82.666	0.002
82.735	0.002	82.794	0.002	82.849	0.008	82.904	0.002
82.931	-0.004	82.987	0.002	83.043	0.008	83.109	0.008
83.165	0.008	83.204	0.008	83.253	0.021	83.291	0.040
83.340	0.040	83.371	0.033	83.434	0.021	83.494	0.021
83.585	0.027	83.645	0.015	83.715	0.008	83.743	-0.005
83.803	-0.024	83.862	-0.036	83.939	-0.030	83.966	-0.012
84.035	-0.006	84.076	-0.006	84.155	-0.025	84.182	-0.025
84.274	-0.038	84.353	-0.026	84.364	-0.013	84.408	0.006
84.433	0.012	84.452	0.018	84.465	0.031	84.482	0.012

2267 FCINTS 83.312 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0821 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.137	0.025	0.088	0.042	0.045	0.053	0.001	2.806	-0.294	2.833	-0.353	2.856	-0.294	2.870	-0.152
-0.070	-0.042	0.084	-0.070	0.102	-0.097	0.119	-0.113	2.887	-0.021	2.897	0.044	2.907	0.099	2.920	0.126
0.126	-0.091	0.144	-0.053	0.168	0.001	0.179	0.050	2.930	0.142	2.954	0.088	2.974	-0.059	2.987	-0.184
0.200	0.083	0.214	0.099	0.239	0.105	0.256	0.054	3.010	-0.331	3.014	-0.429	3.044	-0.489	3.077	-0.424
0.284	0.040	0.309	-0.009	0.337	-0.058	0.344	-0.080	3.097	-0.288	3.117	-0.168	3.127	-0.094	3.144	-0.071
0.365	-0.107	0.393	-0.118	0.410	-0.080	0.424	-0.020	3.157	0.169	3.177	0.240	3.190	0.256	3.214	0.175
0.442	0.035	0.456	0.078	0.477	0.144	0.509	0.100	3.240	0.055	3.250	0.065	3.264	-0.114	3.280	-0.190
0.519	0.035	0.526	-0.074	0.551	-0.161	0.554	-0.221	3.310	-0.158	3.324	-0.087	3.347	-0.038	3.354	0.022
0.572	-0.286	0.607	-0.193	0.624	-0.052	0.638	0.057	3.364	0.054	3.377	0.065	3.397	0.060	3.414	0.011
0.652	0.134	0.673	0.221	0.691	0.237	0.705	0.243	3.437	-0.044	3.450	-0.076	3.463	-0.104	3.493	-0.087
0.740	0.232	0.771	0.140	0.803	0.031	0.806	-0.051	3.517	-0.044	3.543	0.010	3.566	0.043	3.590	0.065
0.817	-0.116	0.831	-0.192	0.845	-0.279	0.876	-0.219	3.623	0.086	3.636	0.108	3.662	0.173	3.682	0.233
0.890	-0.083	0.904	0.075	0.915	0.173	0.928	0.260	3.696	0.309	3.716	0.386	3.716	0.418	3.722	0.467
0.939	0.342	0.959	0.402	0.987	0.288	1.000	0.146	3.739	0.451	3.762	0.380	3.795	0.271	3.815	0.157
1.007	0.016	1.021	-0.137	1.028	-0.289	1.042	-0.398	3.832	0.086	3.842	0.037	3.888	0.086	3.905	0.129
1.045	-0.425	1.062	-0.463	1.093	-0.398	1.117	-0.196	3.928	0.178	3.954	0.145	3.990	0.031	4.022	-0.051
1.127	-0.038	1.138	0.141	1.148	0.294	1.158	0.419	4.035	-0.121	4.055	-0.154	4.091	-0.056	4.113	0.020
1.172	0.550	1.175	0.566	1.193	0.631	1.230	0.604	4.136	0.135	4.221	0.200	4.166	0.072	4.175	0.249
1.244	0.496	1.258	0.289	1.271	0.104	1.275	-0.103	4.195	0.195	4.234	-0.073	4.234	-0.072	4.251	-0.159
1.289	-0.266	1.296	-0.370	1.309	-0.517	1.323	-0.560	4.257	-0.251	4.273	-0.300	4.286	-0.317	4.313	-0.262
1.350	-0.473	1.364	-0.350	1.378	-0.049	1.385	0.142	4.339	-0.191	4.361	-0.126	4.365	-0.110	4.378	-0.093
1.392	0.278	1.405	0.343	1.409	0.371	1.419	0.376	4.397	-0.061	4.423	-0.082	4.453	-0.137	4.492	-0.158
1.460	0.311	1.467	0.159	1.487	0.017	1.501	-0.135	4.502	-0.191	4.528	-0.213	4.538	-0.240	4.558	-0.256
1.511	-0.233	1.521	-0.320	1.545	-0.369	1.576	-0.342	4.597	-0.174	4.620	-0.087	4.636	-0.016	4.649	-0.033
1.613	-0.233	1.630	-0.091	1.651	0.072	1.664	0.224	4.662	0.055	4.689	0.022	4.715	-0.049	4.741	-0.098
1.678	0.317	1.692	0.371	1.722	0.301	1.746	0.105	4.764	-0.130	4.803	-0.097	4.833	-0.063	4.842	0.001
1.766	-0.097	1.787	-0.233	1.801	-0.298	1.811	-0.330	4.859	0.039	4.872	0.071	4.901	0.086	4.938	0.072
1.845	-0.254	1.862	-0.102	1.889	-0.025	1.910	-0.004	4.977	0.104	5.007	0.148	5.034	0.208	5.047	0.257
1.940	0.024	1.971	0.024	2.006	-0.036	2.050	-0.079	5.060	0.284	5.179	0.142	5.189	0.110	5.205	0.093
2.071	-0.112	2.102	-0.019	2.122	0.095	2.136	0.210	5.149	0.208	5.255	0.175	5.265	0.208	5.285	0.219
2.150	0.231	2.160	0.253	2.184	0.204	2.201	0.117	5.242	0.132	5.255	0.107	5.265	0.175	5.285	0.219
2.211	0.030	2.229	-0.019	2.242	-0.029	2.273	0.052	5.308	0.181	5.341	0.088	5.364	0.066	5.387	0.055
2.284	0.145	2.301	0.227	2.311	0.162	2.325	0.298	5.414	0.066	5.424	0.088	5.460	0.072	5.504	0.039
2.349	0.287	2.362	0.249	2.380	0.181	2.393	0.086	5.517	0.050	5.554	0.055	5.584	0.056	5.624	0.045
2.404	0.026	2.421	-0.001	2.448	0.043	2.464	0.086	5.637	0.007	5.668	-0.026	5.694	-0.086	5.698	-0.167
2.475	0.135	2.488	0.163	2.515	0.130	2.539	0.027	5.714	-0.211	5.738	-0.238	5.764	-0.227	5.788	-0.194
2.546	-0.060	2.566	-0.158	2.593	-0.223	2.617	-0.191	5.801	0.183	5.818	-0.162	5.851	-0.189	5.865	-0.210
2.633	-0.076	2.650	0.060	2.667	0.201	2.681	0.250	5.878	-0.221	5.895	-0.227	5.918	-0.199	5.945	-0.161
2.691	0.316	2.704	0.359	2.718	0.397	2.742	0.343	5.951	-0.101	5.975	-0.079	5.992	-0.058	5.998	-0.052
2.758	0.044	2.769	0.044	2.785	-0.076	2.799	-0.201	6.032	-0.063	6.052	-0.090	6.075	-0.145	6.082	-0.194

74.984	-0.003	75.038	-0.020	75.086	-0.026	75.143	-0.021
75.198	-0.021	75.259	-0.038	75.296	-0.038	75.347	-0.022
75.411	-0.022	75.459	-0.017	75.497	-0.006	75.556	0.004
75.604	-0.001	75.659	0.009	75.704	0.015	75.759	0.009
75.800	-0.025	75.859	0.025	75.924	0.020	75.991	0.015
76.061	-0.015	76.138	0.009	76.194	0.004	76.257	-0.008
76.317	-0.019	76.362	-0.013	76.429	-0.024	76.488	-0.035
76.572	-0.025	76.621	-0.030	76.688	-0.025	76.737	-0.014
76.779	-0.020	76.821	-0.014	76.856	-0.003	76.902	-0.009
76.961	-0.009	77.020	0.013	77.076	0.019	77.143	0.013
77.195	0.013	77.251	0.008	77.296	0.008	77.342	0.003
77.380	0.003	77.408	0.014	77.453	0.008	77.508	-0.002
77.546	-0.008	77.598	-0.013	77.640	-0.013	77.671	-0.018
77.727	-0.018	77.753	-0.018	77.848	-0.019	77.924	-0.013
77.982	-0.019	78.044	-0.019	78.123	-0.003	78.164	0.002
78.202	0.002	78.260	0.013	78.308	0.001	78.363	0.012
78.415	0.012	78.470	0.012	78.535	0.011	78.611	0.016
78.663	0.010	78.714	-0.001	78.759	0.004	78.821	0.004
78.859	-0.007	78.900	-0.007	78.962	-0.013	79.055	-0.030
79.130	-0.025	79.175	-0.014	79.227	-0.020	79.292	-0.030
79.354	-0.025	79.392	-0.014	79.443	-0.003	79.498	-0.009
79.543	-0.003	79.615	-0.003	79.660	0.008	79.708	0.013
79.763	0.008	79.825	0.008	79.880	0.013	79.946	0.013
79.994	0.008	80.057	0.002	80.109	-0.003	80.157	-0.003
80.192	-0.009	80.244	-0.014	80.303	-0.009	80.327	-0.014
80.386	-0.026	80.431	-0.020	80.476	-0.015	80.515	-0.015
80.563	-0.015	80.615	-0.010	80.660	-0.004	80.723	-0.005
80.775	0.001	80.831	0.006	80.903	0.006	80.953	0.017
81.012	0.017	81.054	0.012	81.107	0.017	81.163	0.012
81.230	0.012	81.279	0.001	81.331	0.001	81.395	-0.015
81.465	-0.015	81.528	-0.015	81.570	-0.015	81.623	-0.026
81.686	-0.021	81.739	-0.010	81.802	-0.010	81.869	-0.010
81.925	0.001	81.981	0.006	82.043	0.001	82.095	0.017
82.158	0.012	82.199	0.023	82.245	0.028	82.314	0.022
82.366	0.017	82.408	0.011	82.473	0.0	82.542	0.011
82.594	0.0	82.635	-0.006	82.673	-0.017	82.728	-0.012
82.786	-0.012	82.835	-0.017	82.890	-0.017	82.949	-0.018
82.994	-0.012	83.057	-0.012	83.092	-0.007	83.134	-0.007
83.200	0.004	83.239	0.009	83.312	0.014		

57-011. 3/22/57 1144PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL. UP

1745 PCINTS 84.451 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0694 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.498	0.028	0.210	0.042	-0.116	0.056	-0.244	3.110	-0.141	3.130	-0.080	3.154	-0.002	3.174	0.092
-0.338	-0.070	0.088	-0.377	0.105	-0.349	0.119	-0.293	3.184	0.175	3.207	0.236	3.227	0.225	3.257	0.203
0.133	-0.100	0.147	-0.078	0.158	0.006	0.168	0.078	3.284	0.258	3.310	0.275	3.324	0.203	3.350	0.070
0.189	0.149	0.235	0.155	0.263	0.177	0.277	0.244	3.370	-0.051	3.397	-0.123	3.417	-0.195	3.440	-0.278
0.305	0.288	0.305	0.321	0.323	0.266	0.333	0.155	3.473	-0.251	3.513	-0.145	3.546	-0.007	3.566	0.054
-0.347	-0.011	0.361	-0.161	0.372	-0.260	0.382	-0.332	3.586	0.082	3.616	0.054	3.659	-0.073	3.682	-0.128
0.400	-0.360	0.407	-0.310	0.421	-0.210	0.428	-0.072	3.702	-0.156	3.725	-0.073	3.752	0.054	3.792	0.182
0.442	0.061	0.456	0.138	0.470	0.216	0.484	0.244	3.831	0.287	3.855	0.248	3.881	0.093	3.898	-0.150
0.498	0.172	0.512	0.033	0.526	-0.155	0.540	-0.332	3.924	-0.333	3.947	-0.383	3.970	-0.327	3.996	-0.050
0.544	-0.454	0.561	-0.505	0.586	-0.476	0.603	-0.388	4.006	0.038	4.022	0.105	4.038	0.166	4.055	0.205
0.628	-0.188	0.642	-0.022	0.659	0.249	0.670	0.332	4.077	0.160	4.090	0.094	4.117	-0.006	4.133	-0.078
0.684	0.858	0.705	1.008	0.733	0.842	0.750	0.487	4.149	-0.105	4.172	-0.139	4.198	-0.150	4.221	-0.138
0.757	0.039	0.775	0.532	0.785	-0.808	0.803	-0.925	4.234	-0.105	4.267	-0.011	4.276	0.050	4.293	0.100
-0.834	-0.775	0.848	-0.609	0.862	-0.188	0.890	0.266	4.332	0.083	4.355	0.072	4.371	0.111	4.387	0.149
0.911	0.343	0.935	0.277	0.973	0.039	0.994	-0.089	4.407	0.133	4.417	0.100	4.430	0.061	4.443	0.006
1.018	-0.044	1.034	0.050	1.055	0.172	1.086	-0.083	4.456	-0.061	4.469	-0.105	4.485	-0.116	4.499	-0.061
1.114	-0.033	1.144	0.050	1.179	0.293	1.199	0.382	4.521	-0.011	4.531	0.072	4.541	0.122	4.554	0.172
1.220	0.305	1.241	0.061	1.261	-0.150	1.282	-0.393	4.571	0.149	4.592	0.061	4.600	-0.033	4.613	-0.105
1.295	-0.404	1.323	-0.354	1.347	-0.199	1.361	0.011	4.629	-0.161	4.652	-0.138	4.672	-0.072	4.695	0.022
1.374	0.1374	1.388	0.244	1.409	0.166	1.422	-0.050	4.708	0.083	4.731	0.111	4.754	0.083	4.787	0.022
1.436	-0.183	1.453	-0.343	1.480	-0.282	1.501	-0.166	4.800	-0.028	4.829	0.0	4.849	0.044	4.865	0.105
1.521	-0.033	1.528	0.045	1.542	0.078	1.579	0.117	4.882	0.122	4.895	0.133	4.918	0.100	4.934	0.033
1.603	0.172	1.620	0.261	1.637	0.316	1.657	0.255	4.947	-0.028	4.967	-0.094	4.987	-0.122	5.010	-0.083
1.766	0.211	1.804	0.300	1.725	0.045	1.739	-0.039	5.037	-0.039	5.056	-0.011	5.080	-0.017	5.106	-0.044
1.865	-0.353	1.879	-0.519	1.906	-0.608	1.937	-0.558	5.126	-0.083	5.142	-0.100	5.156	-0.072	5.175	-0.039
1.961	0.436	1.978	-0.170	1.988	0.023	2.012	0.178	5.199	0.0	5.222	-0.017	5.248	-0.072	5.271	-0.138
2.033	0.267	2.053	0.295	2.088	0.251	2.112	0.123	5.288	-0.166	5.308	-0.138	5.321	-0.100	5.334	-0.011
2.136	-0.015	2.167	-0.087	2.184	-0.037	2.208	0.151	5.347	0.050	5.367	0.072	5.387	-0.017	5.400	-0.050
2.235	0.345	2.253	0.411	2.283	0.340	2.299	0.229	5.414	-0.105	5.424	-0.116	5.444	-0.072	5.460	0.017
2.318	-0.192	2.335	-0.541	2.359	-0.585	2.383	-0.530	5.460	0.091	5.477	0.149	5.487	0.216	5.500	0.255
2.403	-0.358	2.424	-0.147	2.434	0.030	2.447	0.163	5.520	0.221	5.540	0.133	5.567	0.039	5.577	-0.006
2.468	0.240	2.495	0.174	2.508	-0.020	2.522	-0.175	5.591	-0.033	5.634	0.0	5.661	-0.050	5.684	-0.139
2.539	-0.247	2.562	-0.197	2.589	-0.075	2.606	0.008	5.707	-0.205	5.727	-0.183	5.754	-0.111	5.781	-0.050
2.620	0.058	2.650	0.002	2.670	0.025	2.697	0.030	5.808	-0.028	5.844	-0.061	5.871	0.011	5.894	0.116
2.724	0.141	2.742	0.257	2.768	0.302	2.782	0.252	5.918	0.204	5.938	0.238	5.951	0.227	5.968	0.193
2.802	0.141	2.822	-0.003	2.856	-0.158	2.883	-0.268	6.095	0.160	6.018	0.127	6.048	0.094	6.085	0.066
2.904	-0.318	2.930	-0.279	2.954	-0.174	2.974	-0.095	6.099	0.027	6.119	-0.023	6.136	-0.067	6.156	-0.117
2.994	-0.036	3.007	-0.025	3.024	-0.059	3.044	-0.003	6.182	-0.167	6.206	-0.228	6.219	-0.278	6.236	-0.300
3.057	-0.058	3.070	-0.107	3.080	-0.152	3.094	-0.185	6.260	-0.283	6.280	-0.217	6.306	-0.067	6.320	-0.006
								6.343	0.043	6.397	-0.018	6.427	-0.027	6.466	0.133

20.565	0.017	20.612	-0.044	20.669	-0.027	20.756	-0.049	33.910	0.020	34.026	-0.024	34.168	0.010	34.253	-0.034
20.793	-0.038	20.850	0.006	20.900	0.006	20.970	0.067	34.352	0.027	34.474	-0.028	34.563	0.022	34.645	-0.022
20.996	0.062	21.023	0.045	21.066	-0.010	21.096	-0.032	34.706	-0.010	34.757	-0.032	34.832	0.018	34.893	-0.004
21.166	-0.043	21.222	-0.010	21.275	-0.043	21.302	-0.048	34.948	0.018	35.012	-0.026	35.096	-0.003	35.151	-0.019
21.348	-0.004	21.388	0.040	21.435	0.057	21.505	0.046	35.232	0.025	35.313	-0.002	35.381	0.015	35.432	-0.013
21.542	0.068	21.569	0.030	21.619	-0.031	21.652	-0.048	35.493	0.021	35.564	-0.012	35.642	-0.034	35.707	-0.006
21.703	-0.031	21.756	-0.031	21.806	-0.042	21.883	0.025	35.758	0.017	35.880	-0.017	35.880	-0.023	35.976	0.001
21.934	0.014	21.995	-0.008	22.059	0.014	22.126	-0.024	36.058	-0.037	36.130	-0.004	36.188	-0.031	36.236	-0.015
22.170	-0.024	22.234	-0.002	22.295	0.004	22.335	0.015	36.295	0.041	36.367	0.008	36.435	0.008	36.496	-0.002
22.406	-0.040	22.439	-0.007	22.496	0.043	22.536	0.026	36.540	-0.008	36.584	-0.030	36.665	-0.018	36.716	-0.024
22.620	0.015	22.700	-0.007	22.784	-0.018	22.817	-0.034	36.781	0.026	36.811	-0.043	36.876	-0.001	36.943	0.038
22.858	-0.017	22.901	0.016	22.978	-0.012	23.034	-0.006	37.031	-0.012	37.135	-0.001	37.192	-0.001	37.273	-0.001
23.107	0.005	23.177	0.027	23.237	0.016	23.304	0.0	37.364	0.011	37.445	0.0	37.502	0.016	37.563	0.0
23.360	-0.022	23.400	-0.039	23.434	-0.017	23.480	0.016	37.624	0.005	37.688	0.0	37.765	0.011	37.850	0.005
23.550	0.011	23.617	0.061	23.653	0.028	23.720	-0.066	37.927	0.016	38.002	0.010	38.070	-0.012	38.141	0.005
23.746	-0.033	23.806	0.061	23.833	0.044	23.903	-0.044	38.198	0.004	38.270	0.004	38.341	0.004	38.378	-0.001
23.923	-0.033	23.977	0.011	24.048	-0.011	24.112	0.017	38.422	0.010	38.470	0.015	38.500	0.009	38.531	-0.002
24.170	-0.033	24.194	-0.017	24.238	0.022	24.278	0.017	38.551	-0.013	38.579	-0.013	38.626	-0.002	38.674	-0.002
24.343	-0.039	24.356	-0.050	24.387	-0.022	24.431	0.028	38.718	0.009	38.786	0.009	38.824	0.014	38.871	0.020
24.458	0.050	24.495	0.022	24.563	-0.022	24.557	-0.028	38.898	0.009	38.939	0.003	38.990	0.008	39.013	0.003
24.674	-0.056	24.696	0.066	24.696	0.050	24.744	-0.017	39.050	-0.009	39.081	-0.020	39.111	-0.009	39.189	-0.004
24.774	0.056	24.835	-0.028	24.914	0.016	24.944	0.044	39.246	0.007	39.310	0.007	39.371	0.001	39.404	0.006
25.007	-0.023	25.044	-0.012	25.088	-0.001	25.148	0.005	39.442	0.017	39.476	0.011	39.503	0.006	39.530	-0.011
25.198	0.022	25.275	0.017	25.319	-0.001	25.400	-0.062	39.554	-0.022	39.584	-0.006	39.611	-0.006	39.665	-0.017
25.477	0.005	25.531	0.027	25.601	0.060	25.706	-0.012	39.699	-0.023	39.737	-0.012	39.777	0.004	39.815	0.015
25.756	0.010	25.830	-0.051	25.884	-0.018	25.938	0.026	39.855	0.015	39.896	0.009	39.933	0.004	39.984	0.003
26.049	-0.007	26.107	0.020	26.188	-0.024	26.255	-0.002	40.028	0.009	40.059	0.003	40.106	-0.008	40.137	-0.025
26.312	-0.030	26.393	-0.014	26.464	-0.008	26.531	0.025	40.171	-0.020	40.198	-0.009	40.232	0.002	40.263	0.013
26.608	-0.014	26.702	-0.003	26.769	0.008	26.819	-0.009	40.327	0.007	40.354	-0.004	40.385	-0.010	40.412	-0.016
26.886	-0.042	26.963	0.052	27.036	-0.009	27.100	0.018	40.435	-0.005	40.469	0.006	40.503	-0.010	40.536	0.011
27.194	-0.026	27.227	-0.032	27.277	-0.054	27.334	0.013	40.573	0.0	40.617	-0.006	40.657	-0.011	40.694	-0.006
27.401	-0.005	27.468	-0.038	27.518	-0.060	27.548	-0.044	40.725	0.005	40.751	-0.001	40.778	-0.006	40.812	0.004
27.642	0.111	27.685	0.017	27.746	-0.105	27.826	0.089	40.842	0.010	40.883	0.004	40.926	-0.007	40.960	-0.007
27.906	-0.094	27.977	0.022	28.028	0.0	28.095	0.077	41.020	-0.002	41.060	-0.002	41.114	-0.003	41.201	-0.003
28.166	-0.084	28.220	-0.023	28.295	-0.001	28.338	0.043	41.245	0.008	41.285	0.013	41.332	0.007	41.393	0.007
28.420	-0.029	28.490	0.032	28.568	-0.051	28.628	-0.024	41.420	-0.004	41.443	-0.010	41.463	-0.027	41.497	-0.016
28.675	-0.013	28.729	0.032	28.803	-0.035	28.874	0.037	41.531	-0.010	41.561	-0.005	41.609	-0.016	41.632	-0.011
28.935	-0.069	29.005	0.025	29.085	-0.063	29.142	0.014	41.666	0.005	41.700	0.005	41.734	-0.006	41.768	-0.012
29.213	-0.052	29.276	0.036	29.347	-0.025	29.414	0.075	41.842	-0.006	41.906	-0.006	41.978	-0.012	42.040	-0.018
29.484	-0.053	29.511	-0.042	29.561	0.019	29.625	-0.064	42.088	-0.018	42.126	-0.013	42.163	0.009	42.194	0.026
29.695	-0.009	29.759	-0.026	29.810	0.052	29.883	-0.048	42.246	0.009	42.349	-0.002	42.428	-0.014	42.486	-0.014
29.937	-0.009	29.973	0.007	30.027	-0.037	30.083	-0.015	42.565	-0.003	42.606	0.002	42.644	-0.009	42.678	-0.015
30.220	-0.015	30.273	-0.045	30.320	-0.010	30.376	0.034	42.849	-0.015	42.925	-0.010	43.027	0.001	43.085	-0.004
30.429	-0.016	30.456	-0.043	30.500	-0.016	30.547	0.018	43.170	-0.004	43.225	0.001	43.279	-0.010	43.323	-0.016
30.623	-0.054	30.667	-0.049	30.737	-0.010	30.804	0.051	43.361	-0.005	43.412	0.006	43.453	0.001	43.504	-0.005
30.854	-0.027	30.961	0.006	31.005	-0.027	31.062	0.017	43.544	0.001	43.595	0.012	43.629	0.001	43.680	-0.011
31.162	-0.044	31.256	-0.016	31.323	-0.016	31.377	0.011	43.765	0.0	43.887	-0.011	43.887	-0.027	43.955	0.006
31.457	-0.039	31.527	0.028	31.594	-0.061	31.664	-0.011	43.989	0.006	44.077	-0.006	44.148	-0.017	44.202	-0.006
31.727	-0.028	31.778	0.022	31.808	0.044	31.874	-0.011	44.438	-0.006	44.520	0.011	44.568	0.022	44.629	0.010
31.931	0.0	31.999	-0.028	32.066	-0.017	32.130	-0.039	44.714	-0.012	44.772	-0.012	44.827	-0.023	44.861	-0.018
32.201	0.022	32.265	-0.017	32.339	0.006	32.414	-0.028	44.909	0.005	44.960	0.010	45.072	-0.001	45.190	-0.012
32.481	0.011	32.575	-0.033	32.642	-0.011	32.683	-0.033	45.289	-0.018	45.330	-0.024	45.370	-0.013	45.431	0.004
32.740	0.006	32.800	-0.027	32.884	0.056	32.962	-0.016	45.485	0.015	45.522	-0.026	45.556	0.009	45.623	-0.002
33.002	0.006	33.073	-0.038	33.140	0.023	33.211	-0.032	45.680	-0.013	45.751	-0.019	45.811	-0.014	45.872	-0.003
33.285	0.029	33.360	-0.032	33.441	0.007	33.519	-0.053	45.909	0.003	45.956	0.019	46.010	0.008	46.071	0.002
33.557	0.008	33.699	0.003	33.764	-0.025	33.846	0.031	46.132	-0.003	46.172	-0.009	46.230	-0.026	46.297	-0.026

46.348	-0.004	46.402	-0.004	46.456	0.007	46.496	0.012	65.653	0.0	65.693	0.005	65.717	0.011	65.751	0.016
46.537	0.001	46.584	-0.004	46.645	-0.016	46.686	-0.021	65.771	0.021	65.802	0.015	65.836	0.015	65.859	0.021
46.740	-0.010	46.811	0.001	46.865	0.006	46.956	0.006	65.883	0.026	65.910	0.020	65.927	0.009	65.965	0.009
47.020	0.001	47.054	-0.005	47.112	-0.005	47.180	-0.011	65.988	0.008	66.036	0.014	66.036	0.019	66.070	0.013
47.231	-0.011	47.285	-0.005	47.336	0.0	47.421	0.0	66.097	0.007	66.104	0.007	66.137	0.018	66.171	0.018
47.485	-0.006	47.591	-0.006	47.625	-0.011	47.676	-0.017	66.192	0.001	66.232	0.001	66.266	0.006	66.293	0.017
47.720	-0.028	47.771	-0.006	47.849	0.017	47.897	0.006	66.310	0.011	66.337	0.011	66.375	0.016	66.402	0.016
47.961	0.0	48.087	-0.006	48.159	-0.011	48.227	-0.011	66.415	0.021	66.439	0.016	66.484	0.010	66.518	0.009
48.333	0.0	48.432	0.016	48.497	-0.001	48.562	-0.017	66.552	0.015	66.579	0.015	66.607	0.009	66.630	0.003
48.658	-0.012	48.765	0.005	48.881	-0.001	48.987	-0.007	66.658	0.003	66.699	0.002	66.729	-0.003	66.767	-0.004
49.163	-0.007	49.299	0.014	49.404	0.002	49.516	0.002	66.794	0.002	66.825	0.012	66.866	0.012	66.900	0.001
49.614	-0.015	49.654	-0.015	49.732	0.001	49.803	0.006	66.941	0.006	66.983	0.0	67.041	0.005	67.079	0.010
49.887	-0.006	49.966	-0.012	50.092	-0.007	50.225	-0.002	67.162	0.015	67.186	0.015	67.231	0.015	67.272	0.009
50.351	-0.003	50.460	0.008	50.524	-0.004	50.609	0.002	67.324	0.009	67.372	0.003	67.414	-0.003	67.459	0.002
50.824	-0.015	51.017	-0.016	51.146	-0.016	51.218	0.012	67.494	0.008	67.532	0.002	67.577	0.002	67.611	0.007
51.326	-0.011	51.381	-0.016	51.492	0.011	51.567	0.011	67.622	0.018	67.650	0.007	67.695	0.001	67.729	0.006
51.662	0.0	51.743	-0.011	51.827	-0.011	51.905	0.006	67.778	0.017	67.806	0.011	67.885	0.005	67.909	-0.006
51.960	0.006	52.039	-0.006	52.145	-0.011	52.278	-0.011	67.940	-0.001	67.998	0.004	68.043	0.004	68.077	-0.002
52.363	-0.006	52.480	0.005	52.543	0.005	52.695	-0.006	68.135	0.003	68.190	0.003	68.245	-0.003	68.286	0.002
52.775	-0.012	52.847	-0.007	52.927	0.015	53.005	0.010	68.354	0.003	68.419	0.007	68.470	0.007	68.545	0.001
53.135	-0.002	53.237	-0.013	53.353	-0.008	53.466	0.003	68.627	0.0	68.719	0.0	68.815	0.0	68.880	0.006
53.592	-0.009	53.749	-0.009	53.875	-0.004	54.064	-0.005	68.941	0.006	69.003	0.011	69.100	0.0	69.175	0.006
54.146	-0.010	54.228	-0.005	54.324	0.0	54.485	0.0	69.258	0.006	69.306	0.0	69.389	-0.006	69.441	0.0
54.727	0.0	54.980	0.0	55.226	0.0	55.496	0.0	69.534	0.011	69.576	0.011	69.641	0.011	69.728	0.0
55.735	-0.006	55.796	0.011	55.902	-0.006	56.015	0.006	69.807	0.006	69.849	0.006	69.918	0.011	69.987	0.011
56.186	-0.006	56.385	-0.006	56.546	-0.006	56.662	-0.011	70.011	0.011	70.094	0.011	70.156	0.011	70.208	0.016
56.799	0.001	56.963	0.007	57.155	0.007	57.220	-0.003	70.266	0.011	70.311	-0.001	70.363	-0.007	70.415	-0.001
57.320	0.013	57.395	0.003	57.521	0.009	57.589	-0.013	70.476	0.009	70.528	0.015	70.606	0.020	70.685	0.008
57.677	-0.001	57.742	-0.006	57.834	0.011	57.983	0.012	70.784	0.008	70.860	0.002	70.963	0.001	71.042	0.006
58.101	0.007	58.158	0.008	58.307	0.014	58.361	0.020	71.100	0.006	71.172	0.006	71.255	0.006	71.358	0.001
58.472	0.016	58.578	0.0	58.693	-0.010	58.772	0.007	71.430	0.006	71.513	0.007	71.609	0.007	71.688	0.007
59.013	0.004	59.217	0.005	59.315	0.017	59.528	0.030	71.777	0.001	71.863	0.001	71.939	0.006	71.987	0.006
59.626	0.015	59.668	0.017	60.218	0.015	60.446	0.027	72.069	0.006	72.138	0.006	72.203	0.0	72.275	-0.001
60.723	0.029	60.824	0.041	60.901	0.019	60.975	0.036	72.337	0.005	72.419	0.004	72.450	0.009	72.498	0.015
61.026	0.026	61.093	0.037	61.181	0.021	61.262	0.020	72.555	0.014	72.628	0.009	72.689	0.003	72.761	0.003
61.360	0.037	61.511	0.026	61.611	0.037	61.906	0.036	72.833	0.003	72.905	0.014	72.943	0.015	73.004	0.015
62.096	0.025	62.208	0.035	62.508	0.032	62.580	0.020	73.062	0.015	73.134	0.004	73.223	0.004	73.295	0.004
62.818	0.029	62.931	0.028	63.116	0.026	63.262	0.030	73.367	0.010	73.442	0.005	73.497	0.011	73.551	0.016
63.366	0.039	63.478	0.021	63.535	0.031	63.569	0.030	73.623	0.005	73.694	0.0	73.763	0.0	73.831	0.005
63.603	0.035	63.640	0.035	63.667	0.034	63.707	0.034	73.920	0.010	73.953	0.016	74.035	0.010	74.102	0.010
63.751	0.033	63.781	0.027	63.798	0.027	63.815	0.032	74.180	0.010	74.244	0.009	74.326	0.004	74.397	0.003
63.835	0.032	63.869	0.037	63.896	0.031	63.943	0.025	74.451	0.009	74.518	0.014	74.589	0.008	74.636	0.003
63.981	0.019	64.008	0.013	64.068	0.012	64.079	0.018	74.721	0.003	74.791	0.008	74.879	0.008	74.933	0.014
64.126	0.017	64.160	0.017	64.173	0.022	64.207	0.022	74.960	0.019	74.987	0.019	75.031	0.008	75.079	0.003
64.214	0.027	64.261	0.021	64.275	0.015	64.316	0.015	75.147	0.008	75.198	0.008	75.279	0.014	75.347	0.013
64.356	0.026	64.383	0.025	64.400	0.020	64.417	0.019	75.425	0.013	75.508	0.013	75.576	0.007	75.635	0.007
64.441	0.025	64.468	0.024	64.488	0.019	64.512	0.022	75.766	0.006	75.835	0.012	75.897	0.017	75.966	0.011
64.529	0.002	64.556	0.001	64.594	0.012	64.611	0.023	76.058	0.010	76.145	0.010	76.240	0.009	76.341	0.008
64.645	0.022	64.685	0.028	64.709	0.033	64.729	0.044	76.443	0.007	76.593	0.012	76.593	0.006	76.649	0.0
64.757	0.032	64.777	0.015	64.811	-0.007	64.835	0.009	76.716	0.0	76.758	0.005	76.804	0.004	76.860	0.009
64.862	0.031	64.889	0.059	64.906	0.064	64.940	0.008	76.926	0.014	76.982	0.008	77.041	-0.003	77.108	-0.009
64.954	-0.009	64.985	-0.015	65.022	-0.004	65.056	0.007	77.223	-0.010	77.233	-0.005	77.300	0.001	77.376	0.0
65.087	-0.005	65.149	0.006	65.193	0.016	65.231	0.027	77.432	0.0	77.491	0.0	77.543	-0.001	77.630	-0.007
65.245	0.032	65.282	0.037	65.296	0.037	65.340	0.020	77.695	-0.007	77.754	-0.002	77.796	0.009	77.851	0.009
65.381	0.009	65.405	0.014	65.439	0.014	65.463	0.002	77.914	0.009	77.972	0.003	78.061	-0.002	78.133	-0.003
65.507	0.002	65.541	0.007	65.585	0.006	65.612	0.001	78.181	-0.003	78.250	-0.003	78.308	0.003	78.380	0.003

78.446	0.009	78.508	0.004	78.573	-0.002	78.635	-0.001
78.676	-0.001	78.759	0.004	78.817	0.004	78.897	0.003
78.983	0.003	79.020	0.003	79.110	-0.003	79.168	-0.003
79.251	0.002	79.333	0.001	79.419	0.0	79.481	-0.001
79.533	-0.007	79.635	-0.008	79.705	-0.008	79.794	-0.003
79.853	0.002	79.915	-0.003	80.015	0.002	80.116	0.001
80.182	0.001	80.296	0.002	80.403	0.002	80.504	-0.003
80.591	-0.003	80.655	-0.003	80.789	0.003	80.879	0.003
80.967	0.003	81.037	0.003	81.174	0.003	81.223	0.003
81.272	0.008	81.331	0.003	81.419	0.003	81.500	0.003
81.581	0.003	81.658	0.003	81.736	0.002	81.830	0.002
81.908	0.001	82.033	0.001	82.099	0.0	82.175	0.0
82.217	0.005	82.279	0.010	82.380	0.004	82.439	-0.001
82.511	-0.002	82.632	-0.003	82.683	0.003	82.738	0.003
82.793	0.003	82.852	-0.003	82.931	-0.003	83.001	-0.003
83.074	0.003	83.155	0.003	83.228	0.008	83.291	0.003
83.382	0.003	83.448	-0.003	83.543	-0.003	83.627	0.003
83.732	0.003	83.820	-0.003	83.911	0.003	83.980	-0.003
84.062	0.003	84.161	-0.003	84.230	-0.003	84.284	0.003
84.319	0.003	84.377	0.008	84.410	0.008	84.431	0.008
84.451	0.014						

IV322

57.014. 3/22/57 1515PST SOUTHERN PACIFIC BLDG., BSMT, SAN FRANCISCO, CAL N45E

1205 POINTS 48.705 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERC LINE FIXED FOR ZERC MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0129 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.035	0.028	0.035	0.074	0.034	0.087	0.034	4.055	-0.032	4.087	-0.032	4.146	-0.035	4.165	-0.034
0.108	0.029	0.121	0.022	0.136	0.012	0.158	0.027	4.206	-0.024	4.234	-0.014	4.278	-0.019	4.300	-0.012
0.179	0.047	0.198	0.069	0.226	0.079	0.241	0.049	4.347	0.038	4.369	0.023	4.394	0.038	4.410	0.043
0.260	0.019	0.285	0.004	0.309	0.039	0.325	0.051	4.453	0.038	4.479	0.040	4.504	0.038	4.595	0.031
0.350	0.041	0.359	0.034	0.387	-0.025	0.397	-0.025	4.626	0.019	4.660	0.014	4.673	0.009	4.692	0.004
0.418	-0.040	0.437	-0.043	0.475	-0.020	0.487	-0.028	4.707	-0.001	4.723	-0.008	4.751	-0.018	4.798	-0.021
0.515	-0.040	0.522	-0.053	0.543	-0.065	0.565	-0.035	4.811	-0.018	4.833	-0.006	4.864	0.002	4.893	-0.001
0.590	0.024	0.618	0.043	0.643	0.036	0.672	0.019	4.912	-0.006	4.944	-0.011	4.988	-0.006	5.014	-0.003
0.684	0.011	0.697	0.006	0.737	-0.001	0.750	0.004	5.074	0.002	5.109	-0.005	5.122	-0.013	5.138	-0.023
0.772	-0.009	0.803	-0.023	0.831	-0.021	0.875	-0.001	5.160	-0.030	5.217	-0.027	5.240	-0.030	5.268	-0.035
0.891	-0.008	0.903	-0.016	0.935	-0.031	0.954	-0.040	5.303	-0.022	5.345	-0.010	5.380	0.003	5.402	0.015
0.995	-0.048	1.023	-0.048	1.055	-0.033	1.085	-0.006	5.440	0.035	5.466	0.042	5.495	0.045	5.526	0.043
1.099	-0.001	1.124	0.027	1.150	0.039	1.175	0.046	5.536	0.040	5.562	0.033	5.590	0.025	5.616	0.011
1.216	0.037	1.238	0.029	1.263	0.024	1.295	0.034	5.638	0.001	5.686	-0.011	5.695	-0.014	5.721	-0.019
1.320	0.034	1.342	0.030	1.367	0.020	1.393	0.010	5.750	-0.024	5.817	-0.026	5.848	-0.019	5.867	-0.011
1.418	0.005	1.434	0.008	1.465	0.013	1.497	0.006	5.877	-0.004	5.902	-0.004	5.918	-0.009	5.940	-0.011
1.503	0.006	1.525	0.001	1.557	-0.009	1.579	-0.016	5.987	-0.023	6.003	-0.018	6.025	-0.016	6.063	-0.008
1.588	-0.026	1.610	-0.038	1.642	-0.013	1.683	0.011	6.101	-0.003	6.120	-0.001	6.151	-0.008	6.189	0.002
1.699	0.016	1.730	0.014	1.743	0.009	1.759	0.002	6.202	0.004	6.230	0.012	6.259	0.017	6.293	0.014
1.784	-0.008	1.831	-0.008	1.834	-0.008	1.860	-0.013	6.319	0.022	6.382	0.037	6.426	0.029	6.432	0.024
1.888	-0.022	1.920	-0.037	1.964	-0.024	1.986	-0.007	6.467	0.017	6.483	0.010	6.511	0.002	6.540	-0.005
2.024	0.013	2.062	0.015	2.078	0.023	2.100	0.023	6.535	-0.010	6.581	-0.012	6.606	-0.020	6.638	-0.020
2.135	0.016	2.173	0.018	2.198	0.013	2.227	0.006	6.663	-0.017	6.688	-0.012	6.717	-0.017	6.748	-0.020
2.243	-0.004	2.277	-0.014	2.299	-0.026	2.331	-0.036	6.796	-0.025	6.827	-0.020	6.849	-0.015	6.884	0.0
2.372	-0.036	2.413	-0.011	2.419	-0.008	2.467	0.017	6.913	0.015	6.929	0.017	6.951	0.025	6.974	0.025
2.476	0.014	2.504	0.007	2.539	0.007	2.571	0.019	7.015	0.027	7.034	0.018	7.079	0.003	7.143	-0.007
2.589	0.024	2.621	0.029	2.665	0.044	2.690	0.047	7.168	-0.017	7.223	-0.024	7.223	-0.031	7.235	-0.031
2.728	0.042	2.756	0.044	2.785	0.030	2.800	0.025	7.267	-0.034	7.318	-0.036	7.337	-0.036	7.372	-0.026
2.819	0.017	2.851	0.010	2.863	0.003	2.898	-0.007	7.419	-0.026	7.423	-0.024	7.448	-0.006	7.479	0.003
2.911	-0.017	2.958	-0.034	2.971	-0.039	2.989	-0.052	7.511	0.004	7.552	0.021	7.574	0.023	7.621	0.031
3.021	-0.017	3.037	-0.079	3.071	-0.089	3.084	-0.086	7.634	0.031	7.681	0.033	7.722	0.029	7.735	0.024
3.103	-0.065	3.119	-0.057	3.137	-0.042	3.156	-0.032	7.773	0.019	7.817	0.026	7.870	0.009	7.914	0.004
3.175	-0.022	3.210	-0.002	3.235	0.005	3.273	0.010	7.948	0.0	7.979	-0.010	8.025	-0.017	8.053	-0.012
3.289	0.012	3.317	0.022	3.336	0.022	3.371	0.022	8.094	-0.015	8.128	-0.024	8.184	-0.029	8.221	-0.017
3.415	0.050	3.450	0.055	3.488	0.040	3.497	0.037	8.249	-0.017	8.292	-0.024	8.336	-0.026	8.364	-0.023
3.526	0.030	3.551	0.023	3.576	0.020	3.595	0.015	8.420	-0.023	8.451	-0.018	8.473	-0.005	8.498	0.012
3.624	0.018	3.655	0.013	3.668	0.006	3.687	-0.007	8.532	0.024	8.579	0.025	8.610	0.032	8.647	0.032
3.697	-0.009	3.725	-0.002	3.766	0.008	3.687	-0.007	8.669	0.032	8.718	0.020	8.750	0.010	8.809	0.018
3.807	0.004	3.826	-0.004	3.842	-0.018	3.880	-0.018	8.856	0.018	8.862	0.018	8.896	0.011	8.912	0.004
3.914	-0.013	3.946	-0.018	3.971	-0.028	4.021	-0.035	8.947	-0.006	8.994	0.006	9.022	0.006	9.057	-0.001

9.085	-0.011	9.120	-0.009	9.157	-0.009	9.217	-0.021	17.446	-0.004	17.483	-0.004	17.531	0.001	17.571	-0.004
9.245	-0.023	9.283	-0.021	9.312	-0.021	9.349	-0.021	17.585	-0.001	17.641	0.004	17.701	-0.001	17.741	0.001
9.372	-0.021	9.397	-0.021	9.451	-0.021	9.461	-0.009	17.805	-0.002	17.838	-0.007	17.906	-0.009	17.931	-0.010
9.489	-0.009	9.512	-0.009	9.540	-0.016	9.559	-0.006	17.989	-0.007	18.001	-0.007	18.026	0.0	18.094	0.003
9.591	-0.001	9.620	0.014	9.658	0.014	9.671	0.014	18.121	0.003	18.167	0.003	18.220	-0.002	18.257	-0.002
9.699	0.005	9.734	-0.001	9.756	0.006	9.788	0.009	18.312	-0.007	18.389	0.013	18.464	0.006	18.473	0.006
9.817	0.009	9.855	0.001	9.880	0.006	9.921	0.021	18.513	-0.001	18.572	-0.001	18.594	-0.001	18.649	-0.006
9.950	0.026	9.981	0.024	10.004	0.021	10.035	0.026	18.680	-0.009	18.724	-0.004	18.770	-0.006	18.844	-0.004
10.064	0.028	10.099	0.036	10.121	0.036	10.136	0.031	18.848	-0.001	18.901	0.003	18.951	-0.002	19.017	0.003
10.162	0.024	10.197	0.009	10.238	0.006	10.292	0.001	19.048	0.003	19.098	0.008	19.126	0.013	19.189	0.012
10.320	-0.011	10.352	-0.021	10.389	-0.028	10.417	-0.036	19.223	0.010	19.301	0.005	19.383	-0.004	19.421	-0.002
10.449	-0.038	10.505	-0.051	10.552	-0.038	10.577	-0.023	19.474	0.001	19.521	-0.007	19.569	-0.004	19.622	-0.004
10.599	-0.013	10.624	-0.013	10.655	-0.023	10.690	-0.016	19.662	-0.009	19.703	-0.006	19.772	0.004	19.810	0.002
10.727	-0.004	10.762	0.004	10.793	-0.001	10.824	-0.001	19.851	-0.005	19.891	0.005	19.950	0.005	19.987	0.005
10.868	0.006	10.915	0.019	10.971	0.016	10.952	0.026	20.011	0.007	20.073	0.002	20.113	0.003	20.172	0.007
11.042	0.026	11.083	0.031	11.108	0.033	11.151	0.026	20.206	0.005	20.262	0.002	20.311	0.005	20.376	-0.003
11.207	0.031	11.239	0.031	11.267	0.011	11.288	0.004	20.410	0.0	20.447	-0.001	20.486	-0.003	20.539	-0.003
11.326	-0.006	11.366	-0.011	11.375	-0.018	11.400	-0.026	20.563	-0.001	20.603	-0.006	20.640	-0.001	20.674	-0.004
11.415	-0.036	11.462	-0.028	11.496	-0.026	11.533	-0.031	20.723	-0.004	20.754	0.004	20.797	-0.004	20.837	-0.004
11.582	-0.036	11.625	-0.028	11.656	-0.021	11.718	-0.016	20.886	-0.001	20.908	0.004	20.939	0.004	20.982	0.009
11.752	-0.006	11.795	0.004	11.832	0.006	11.860	0.009	21.035	0.004	21.085	0.010	21.141	0.008	21.172	0.0
11.897	0.004	11.958	0.024	11.983	0.019	12.051	0.006	21.209	-0.004	21.246	0.001	21.271	-0.004	21.302	0.003
12.088	-0.001	12.143	0.004	12.174	-0.004	12.217	-0.001	21.323	-0.001	21.351	0.0	21.382	0.003	21.428	0.0
12.254	-0.009	12.307	-0.009	12.328	-0.011	12.375	-0.016	21.453	0.003	21.502	0.005	21.542	0.005	21.585	0.005
12.412	-0.011	12.471	-0.011	12.521	-0.001	12.555	-0.001	21.619	0.002	21.696	-0.001	21.717	-0.001	21.764	-0.001
12.602	-0.001	12.645	0.001	12.701	-0.006	12.732	0.004	21.801	-0.006	21.837	0.001	21.865	-0.006	21.932	-0.006
12.801	-0.004	12.857	0.001	12.882	-0.006	12.957	-0.001	21.962	-0.001	21.996	0.004	22.084	0.006	22.136	0.001
13.010	-0.011	13.060	-0.013	13.119	-0.011	13.157	-0.011	22.194	0.004	22.276	0.001	22.328	-0.001	22.377	0.006
13.207	-0.009	13.254	-0.006	13.301	-0.004	13.338	0.001	22.445	-0.009	22.463	-0.009	22.506	-0.011	22.589	-0.001
13.376	0.009	13.410	0.009	13.444	0.009	13.494	0.009	22.625	0.006	22.673	0.001	22.740	0.001	22.805	0.0
13.538	0.009	13.550	0.009	13.594	0.009	13.647	0.009	22.864	0.003	22.932	0.0	23.019	0.003	23.066	0.0
13.656	0.006	13.731	-0.006	13.771	-0.006	13.796	-0.006	23.054	0.003	23.140	0.003	23.218	0.001	23.266	0.001
13.837	-0.006	13.886	-0.001	13.930	-0.001	13.958	-0.001	23.314	0.003	23.373	-0.002	23.450	-0.004	23.546	-0.007
14.026	-0.001	14.082	-0.001	14.138	-0.006	14.151	-0.006	23.583	-0.002	23.623	-0.002	23.688	-0.008	23.728	-0.003
14.203	-0.006	14.250	-0.011	14.259	-0.011	14.306	-0.004	23.775	0.0	23.821	0.002	23.883	0.005	23.948	0.009
14.340	0.004	14.368	0.004	14.440	0.014	14.455	0.014	24.010	0.002	24.059	-0.003	24.105	0.0	24.158	0.005
14.499	0.014	14.602	0.009	14.605	0.009	14.646	0.006	24.210	0.005	24.250	0.006	24.306	0.006	24.364	0.001
14.705	-0.001	14.745	-0.001	14.770	-0.001	14.839	-0.003	24.414	-0.001	24.485	-0.004	24.500	-0.004	24.543	-0.004
14.855	-0.001	14.886	-0.003	14.905	-0.002	14.943	-0.006	24.590	-0.004	24.639	-0.006	24.685	-0.009	24.719	-0.004
14.946	-0.006	14.993	-0.003	15.006	-0.003	15.037	-0.006	24.753	-0.004	24.812	-0.006	24.855	-0.004	24.898	0.003
15.069	-0.003	15.109	-0.001	15.169	-0.001	15.191	-0.001	24.942	0.006	24.979	0.008	25.019	0.010	25.081	0.008
15.207	-0.001	15.267	-0.005	15.295	-0.010	15.317	0.0	25.140	0.013	25.235	0.007	25.288	-0.002	25.319	-0.002
15.383	0.005	15.392	0.002	15.417	-0.005	15.445	0.0	25.347	0.003	25.412	-0.007	25.452	-0.010	25.505	-0.013
15.492	0.002	15.521	0.005	15.552	0.0	15.593	-0.002	25.539	-0.013	25.601	-0.010	25.635	-0.008	25.678	-0.005
15.633	0.0	15.658	-0.002	15.708	0.0	15.746	0.005	25.734	0.0	25.774	0.002	25.814	0.007	25.873	0.005
15.780	0.007	15.821	0.005	15.865	0.007	15.896	0.009	25.901	0.008	26.008	0.008	26.006	0.008	26.034	0.005
15.942	0.012	15.980	0.007	16.023	0.007	16.035	0.009	26.062	0.009	26.106	0.009	26.161	0.006	26.192	0.009
16.066	0.007	16.116	0.002	16.135	0.002	16.181	0.004	26.248	-0.002	26.279	-0.007	26.335	-0.004	26.388	-0.002
16.200	0.005	16.228	0.0	16.265	-0.003	16.303	-0.010	26.453	-0.008	26.480	-0.008	26.502	-0.003	26.545	-0.006
16.358	-0.018	16.420	-0.015	16.432	-0.015	16.476	-0.012	26.601	-0.007	26.607	-0.007	26.660	-0.002	26.694	-0.005
16.516	-0.017	16.562	-0.005	16.630	0.002	16.652	0.004	26.728	-0.002	26.774	0.003	26.814	0.003	26.907	0.009
16.686	0.007	16.711	0.012	16.760	0.009	16.788	0.016	26.919	0.009	26.955	0.006	27.018	0.002	27.077	0.003
16.822	0.014	16.840	0.011	16.874	0.006	16.911	0.001	27.128	0.002	27.166	-0.001	27.199	-0.001	27.241	-0.006
16.981	0.004	17.017	0.009	17.023	0.009	17.057	0.001	27.279	0.001	27.327	-0.002	27.372	-0.007	27.396	-0.004
17.105	-0.004	17.139	-0.001	17.181	-0.001	17.242	0.004	27.462	-0.002	27.489	-0.002	27.552	-0.004	27.591	-0.004
17.273	-0.001	17.309	-0.006	17.352	0.004	17.382	0.001	27.630	0.001	27.660	-0.002	27.702	0.008	27.738	0.001

27.774	-0.001	27.816	-0.001	27.879	-0.004	27.901	-0.004	37.410	-0.002	37.462	-0.002	37.532	-0.001	37.569	0.001
27.947	0.001	27.976	0.001	28.008	-0.001	28.037	0.001	37.640	0.002	37.701	0.0	37.716	-0.003	37.768	0.0
28.086	0.001	28.128	0.001	28.180	0.006	28.206	0.006	37.830	-0.002	37.876	0.0	37.941	0.001	37.985	0.008
28.261	0.003	28.306	0.006	28.348	0.003	28.399	0.006	38.035	0.006	38.100	0.006	38.165	0.006	38.215	0.003
28.448	0.008	28.486	0.008	28.535	0.003	28.583	0.003	38.351	0.0	38.370	0.0	38.431	0.003	38.496	0.003
28.622	-0.002	28.641	-0.002	28.680	0.003	28.731	-0.002	38.545	0.003	38.607	0.001	38.656	0.001	38.711	0.003
28.773	-0.004	28.834	-0.002	28.871	-0.001	28.914	0.001	38.751	0.006	38.764	0.001	38.807	0.010	38.816	0.008
28.960	0.001	28.984	-0.001	29.048	-0.001	29.057	-0.001	38.856	0.0	38.913	0.0	38.977	0.007	39.013	0.007
29.115	-0.001	29.158	0.002	29.204	0.002	29.250	0.002	39.080	-0.001	39.128	0.004	39.171	0.009	39.207	0.003
29.277	-0.003	29.314	0.004	29.362	0.004	29.383	0.002	39.259	-0.002	39.295	0.003	39.337	0.003	39.386	-0.001
29.414	0.002	29.453	0.002	29.504	0.006	29.546	0.001	39.438	-0.001	39.471	0.001	39.520	0.006	39.568	-0.011
29.564	0.001	29.606	-0.001	29.636	-0.001	29.676	-0.004	39.644	0.005	39.768	0.001	39.838	0.003	39.888	0.003
29.700	0.004	29.736	0.001	29.775	0.001	29.832	0.001	39.896	0.003	39.921	0.006	39.966	0.006	40.009	0.003
29.893	-0.004	29.925	-0.004	29.993	-0.005	30.021	-0.007	40.104	0.0	40.186	0.005	40.202	0.005	40.266	0.0
30.051	-0.005	30.087	-0.005	30.133	-0.002	30.170	0.0	40.315	-0.005	40.373	0.0	40.406	0.0	40.458	-0.002
30.212	0.0	30.261	-0.002	30.309	0.003	30.358	0.003	40.482	0.0	40.522	-0.005	40.528	-0.002	40.565	-0.002
30.404	0.006	30.444	0.006	30.468	0.006	30.493	0.006	40.577	0.0	40.595	0.0	40.626	-0.002	40.662	0.0
30.554	0.001	30.600	0.004	30.633	0.002	30.701	-0.003	40.690	-0.002	40.714	0.0	40.744	0.0	40.790	-0.003
30.716	-0.003	30.762	0.002	30.798	-0.003	30.838	-0.005	40.818	-0.003	40.863	0.0	40.908	0.002	40.957	-0.003
30.878	-0.002	30.915	-0.002	30.955	-0.007	31.013	-0.004	40.912	0.0	41.005	0.0	41.032	0.0	41.059	0.002
31.037	-0.002	31.086	-0.002	31.126	-0.004	31.178	-0.004	41.089	0.005	41.153	0.002	41.186	0.0	41.222	0.005
31.218	0.004	31.252	0.009	31.292	0.006	31.350	0.009	41.291	-0.005	41.340	0.005	41.349	0.005	41.388	0.002
31.384	0.009	31.412	0.009	31.452	0.006	31.507	0.006	41.409	-0.003	41.449	0.002	41.485	0.0	41.521	0.002
31.566	0.003	31.603	-0.002	31.640	-0.004	31.689	-0.002	41.564	0.0	41.594	0.0	41.630	0.0	41.660	0.003
31.729	-0.004	31.766	-0.002	31.813	0.001	31.856	-0.002	41.694	0.005	41.745	0.0	41.809	-0.003	41.827	0.0
31.912	0.0	31.945	0.0	31.980	-0.002	32.032	-0.005	41.876	0.0	41.940	0.0	41.974	0.0	42.026	0.002
32.079	-0.007	32.122	-0.007	32.150	-0.002	32.193	-0.002	42.072	0.004	42.122	0.0	42.205	0.0	42.217	0.0
32.264	-0.002	32.301	-0.002	32.335	-0.002	32.348	-0.002	42.300	0.0	42.306	0.002	42.334	0.0	42.386	0.0
32.385	0.006	32.438	0.008	32.484	0.008	32.534	0.006	42.441	0.002	42.495	0.004	42.550	0.002	42.587	0.004
32.581	0.004	32.624	0.001	32.680	-0.001	32.715	-0.006	42.611	0.007	42.660	0.004	42.709	0.002	42.734	0.002
32.761	-0.006	32.811	-0.006	32.876	-0.004	32.910	-0.001	42.798	0.004	42.837	-0.001	42.874	0.001	42.937	-0.001
32.956	-0.004	33.006	-0.009	33.052	-0.004	33.092	-0.001	43.003	0.003	43.049	0.001	43.109	-0.002	43.193	0.001
33.120	-0.001	33.157	0.001	33.219	0.001	33.253	0.004	43.254	-0.004	43.293	0.004	43.366	0.004	43.396	0.004
33.275	0.006	33.318	0.004	33.373	0.001	33.421	0.006	43.484	0.0	43.548	0.003	43.609	0.003	43.670	0.006
33.472	0.001	33.511	0.001	33.580	-0.001	33.643	-0.006	43.737	0.005	43.780	0.0	43.862	-0.003	43.940	0.0
33.689	-0.007	33.722	-0.007	33.782	-0.009	33.833	-0.007	44.021	0.004	44.049	0.001	44.108	-0.001	44.186	-0.001
33.872	-0.007	33.905	-0.009	33.932	-0.002	33.944	-0.005	44.236	0.002	44.254	0.002	44.323	0.002	44.360	0.003
33.992	-0.005	34.025	0.0	34.061	-0.002	34.106	-0.002	44.413	0.005	44.463	0.005	44.507	0.005	44.564	0.005
34.145	0.001	34.178	0.001	34.241	0.001	34.262	-0.001	44.614	0.005	44.729	0.002	44.783	0.002	44.836	-0.001
34.295	-0.001	34.337	0.002	34.371	-0.001	34.420	0.0	44.898	-0.004	44.941	-0.002	44.994	0.0	45.043	-0.002
34.444	0.0	34.499	-0.003	34.576	0.003	34.631	-0.004	45.087	0.002	45.124	0.002	45.173	0.002	45.229	0.002
34.676	-0.004	34.728	-0.009	34.777	-0.006	34.823	-0.004	45.272	0.002	45.322	0.004	45.353	0.004	45.430	0.002
34.866	-0.004	34.928	-0.001	34.961	-0.001	34.995	0.006	45.476	0.002	45.519	0.004	45.614	-0.003	45.654	-0.006
35.051	0.001	35.091	0.004	35.122	0.006	35.174	0.002	45.725	-0.003	45.808	0.002	45.848	0.002	45.971	-0.006
35.236	-0.003	35.273	0.002	35.313	-0.003	35.344	-0.005	46.017	-0.004	46.066	-0.003	46.183	0.002	46.204	0.002
35.393	-0.003	35.418	-0.003	35.451	0.0	35.470	-0.005	46.275	0.003	46.342	0.003	46.385	0.003	46.458	-0.001
35.519	0.0	35.553	0.0	35.602	-0.003	35.643	-0.001	46.560	-0.001	46.648	-0.004	46.679	-0.004	46.765	-0.004
35.592	-0.001	35.726	-0.001	35.787	-0.001	35.837	-0.003	46.857	-0.004	46.894	-0.002	46.974	-0.002	47.047	-0.002
35.883	0.002	35.947	0.004	35.997	0.002	36.031	0.004	47.140	0.001	47.247	-0.002	47.294	0.003	47.453	0.0
36.111	0.002	36.144	-0.001	36.181	-0.003	36.227	0.002	47.514	-0.003	47.581	-0.001	47.688	-0.003	47.798	-0.004
36.267	-0.003	36.317	-0.006	36.394	-0.003	36.452	-0.004	47.856	-0.006	47.964	-0.001	48.043	-0.001	48.103	-0.001
36.486	-0.006	36.539	-0.003	36.579	-0.006	36.619	-0.003	48.160	-0.003	48.254	-0.001	48.338	-0.008	48.412	-0.003
36.662	-0.003	36.699	-0.003	36.751	-0.003	36.797	0.002	48.455	-0.002	48.506	0.001	48.580	0.001	48.635	0.004
36.847	-0.003	36.911	0.004	36.944	0.001	36.996	-0.004	48.705	-0.001						
37.030	-0.004	37.107	-0.003	37.171	-0.008	37.198	-0.008								
37.241	-0.005	37.287	-0.002	37.318	-0.002	37.357	-0.002								

57.014. 3/22/57 1515PST SOUTHERN PACIFIC BLDG., BSMT, SAN FRANCISCO, CAL N45W

1300 POINTS 48.668 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0289 G/10.

[illegible]

6.414	-0.039	6.433	-0.037	6.458	-0.037	6.484	-0.035	12.801	0.011	12.835	0.009	12.873	0.013	12.892	0.011
6.499	-0.030	6.534	-0.020	6.569	-0.008	6.575	-0.005	12.526	0.006	12.970	0.001	13.023	-0.004	13.051	-0.008
6.588	0.0	6.613	0.010	6.648	0.019	6.664	0.019	13.098	-0.006	13.132	-0.001	13.160	0.002	13.173	0.004
6.682	0.022	6.714	0.029	6.743	0.027	6.774	0.022	13.223	0.011	13.239	0.016	13.270	0.016	13.295	0.021
6.806	0.017	6.841	0.014	6.876	0.012	6.921	0.017	13.323	0.024	13.367	0.026	13.407	0.024	13.460	0.024
6.949	0.022	6.975	0.019	6.994	0.012	7.026	0.007	13.500	0.021	13.529	0.017	13.572	0.014	13.600	0.012
7.051	0.002	7.083	-0.003	7.112	-0.003	7.144	-0.008	13.638	0.007	13.687	0.0	13.709	-0.005	13.734	-0.008
7.157	-0.013	7.185	-0.020	7.195	-0.030	7.211	-0.035	13.759	-0.010	13.796	-0.005	13.843	-0.001	13.874	-0.001
7.224	-0.039	7.256	-0.049	7.278	-0.054	7.300	-0.059	13.914	-0.001	13.955	-0.004	13.973	0.007	14.011	0.009
7.313	-0.064	7.341	-0.064	7.363	-0.067	7.395	-0.059	14.039	0.011	14.082	0.013	14.116	0.011	14.147	0.008
7.430	-0.047	7.461	-0.040	7.477	-0.035	7.490	-0.030	14.154	0.008	14.237	0.013	14.256	0.013	14.281	0.008
7.508	-0.025	7.521	-0.018	7.537	-0.010	7.562	-0.001	14.309	0.005	14.337	0.0	14.378	-0.005	14.396	-0.007
7.578	0.012	7.606	0.019	7.641	0.031	7.663	0.046	14.434	-0.015	14.480	-0.007	14.521	-0.003	14.590	0.002
7.673	0.051	7.698	0.060	7.739	0.060	7.764	0.058	14.643	0.007	14.677	0.007	14.721	0.007	14.755	0.012
7.792	0.050	7.824	0.046	7.830	0.041	7.848	0.033	14.808	0.012	14.855	0.014	14.887	0.014	14.959	0.005
7.858	0.023	7.876	0.016	7.892	0.011	7.911	0.006	15.006	0.002	15.044	-0.003	15.094	-0.008	15.195	-0.013
7.926	0.004	7.942	0.001	7.963	-0.006	7.998	-0.011	15.245	-0.003	15.274	-0.006	15.321	-0.008	15.349	-0.011
8.025	-0.011	8.050	-0.012	8.084	-0.009	8.106	-0.004	15.383	-0.011	15.399	-0.011	15.436	-0.011	15.471	-0.011
8.122	0.001	8.165	0.003	8.190	0.008	8.240	0.003	15.487	-0.013	15.537	-0.014	15.562	-0.014	15.599	-0.014
8.271	-0.005	8.314	-0.007	8.352	-0.005	8.377	-0.007	15.640	-0.011	15.662	-0.009	15.696	-0.004	15.728	0.0
8.405	-0.015	8.417	-0.020	8.457	-0.020	8.495	-0.020	15.762	0.005	15.818	0.020	15.855	0.020	15.893	0.020
8.523	-0.013	8.557	-0.008	8.572	-0.010	8.600	-0.013	15.933	0.020	15.973	0.017	16.020	0.015	16.032	0.012
8.635	-0.008	8.666	-0.003	8.697	0.0	8.753	0.0	16.073	0.012	16.091	0.010	16.119	0.005	16.157	0.005
8.790	0.007	8.822	0.005	8.866	0.017	8.891	0.017	16.216	0.002	16.228	0.0	16.278	-0.005	16.330	-0.002
8.922	0.022	8.954	0.024	8.994	0.029	9.029	0.032	16.355	-0.002	16.380	-0.002	16.408	-0.005	16.454	-0.005
9.064	0.034	9.095	0.029	9.130	0.022	9.171	0.019	16.476	-0.002	16.516	0.001	16.550	0.003	16.581	0.006
9.202	0.012	9.233	0.007	9.271	0.0	9.325	-0.008	16.609	0.008	16.636	0.011	16.686	0.018	16.729	0.023
9.357	-0.008	9.430	-0.013	9.477	-0.015	9.519	-0.017	16.800	0.021	16.825	0.021	16.846	0.021	16.883	0.019
9.544	-0.020	9.598	-0.020	9.617	-0.017	9.656	-0.017	16.919	0.014	16.947	0.009	16.992	0.009	17.041	0.004
9.703	-0.003	9.706	-0.003	9.732	0.002	9.757	0.005	17.093	0.004	17.120	0.001	17.154	0.001	17.211	0.004
9.783	0.0	9.821	0.007	9.843	0.012	9.871	0.022	17.266	-0.002	17.306	0.003	17.351	0.008	17.397	0.005
9.977	0.027	9.916	0.022	9.932	0.022	9.947	0.015	17.442	0.005	17.470	0.002	17.494	0.002	17.546	0.0
10.112	0.032	10.140	0.027	10.163	0.024	10.201	0.027	17.594	0.002	17.637	0.012	17.652	0.014	17.701	0.019
10.242	0.032	10.251	0.032	10.292	0.022	10.324	0.017	17.771	0.017	17.807	0.012	17.857	0.010	17.896	0.007
10.349	0.002	10.399	0.002	10.402	0.002	10.440	-0.008	17.946	0.007	17.980	0.005	18.032	0.0	18.081	-0.005
10.474	-0.013	10.505	-0.008	10.555	-0.008	10.587	-0.005	18.143	-0.010	18.220	-0.010	18.260	-0.008	18.296	-0.008
10.505	-0.005	10.637	-0.010	10.674	-0.015	10.699	-0.017	18.352	-0.008	18.389	-0.008	18.423	-0.005	18.476	0.0
10.743	-0.017	10.787	-0.013	10.874	-0.008	10.818	-0.003	18.501	0.002	18.547	0.005	18.575	0.007	18.613	0.010
10.852	-0.003	10.877	0.002	10.899	0.005	10.918	0.007	18.665	0.010	18.699	0.012	18.752	0.014	18.798	0.017
10.943	0.007	10.968	0.007	10.986	0.012	11.011	0.014	18.873	0.014	18.895	0.009	18.923	0.009	18.973	0.007
11.039	0.012	11.092	0.019	11.111	0.022	11.130	0.027	19.011	0.002	19.055	0.002	19.083	-0.001	19.102	-0.003
11.152	0.032	11.180	0.032	11.201	0.032	11.236	0.024	19.133	-0.006	19.152	-0.008	19.186	-0.011	19.214	-0.011
11.276	0.017	11.301	0.014	11.351	0.019	11.366	0.010	19.277	-0.014	19.336	-0.014	19.358	-0.014	19.418	-0.012
11.597	0.002	11.437	-0.003	11.446	-0.005	11.474	-0.008	19.443	-0.009	19.462	-0.007	19.493	-0.005	19.522	-0.002
11.499	-0.013	11.533	-0.003	11.560	0.0	11.597	-0.003	19.562	0.0	19.610	0.005	19.657	0.012	19.719	0.017
11.631	-0.005	11.662	0.002	11.693	0.007	11.705	0.007	19.779	0.002	19.826	0.014	19.906	0.014	19.937	0.010
11.721	0.012	11.755	0.014	11.789	0.017	11.823	0.017	19.983	-0.002	19.996	0.002	20.033	-0.003	20.076	-0.007
11.844	0.017	11.863	0.017	11.906	0.024	11.934	0.022	20.113	-0.012	20.157	-0.012	20.221	-0.012	20.265	-0.012
11.943	0.017	11.983	0.017	12.026	0.012	12.063	0.014	20.308	-0.004	20.352	-0.011	20.486	-0.006	20.526	-0.006
12.091	0.017	12.125	0.012	12.140	0.010	12.165	0.005	20.419	-0.004	20.452	-0.001	20.486	-0.001	20.526	-0.004
12.159	-0.003	12.211	-0.003	12.236	-0.003	12.260	-0.003	20.560	0.007	20.594	0.009	20.615	0.014	20.649	0.019
12.291	-0.003	12.313	-0.003	12.353	-0.002	12.391	0.003	20.714	0.019	20.723	0.014	20.812	0.017	20.821	0.014
12.415	0.007	12.450	0.010	12.487	0.013	12.512	0.013	20.871	0.014	20.924	0.014	20.967	0.010	21.007	0.005
12.549	0.013	12.583	0.010	12.608	0.008	12.639	0.003	21.032	0.005	21.110	0.008	21.156	0.008	21.178	0.005
12.680	0.008	12.708	0.013	12.736	0.013	12.773	0.013	21.215	0.001	21.274	-0.007	21.311	-0.004	21.330	-0.001
								21.354	0.001	21.434	0.002	21.453	0.002	21.483	0.002

21.527	0.009	21.588	0.012	21.619	0.012	21.683	0.009	31.977	-0.003	32.038	0.0	32.103	0.0	32.171	0.0
21.702	0.012	21.742	0.007	21.791	0.004	21.858	0.002	32.211	0.002	32.293	0.005	32.295	0.005	32.360	0.005
21.901	0.006	21.943	0.009	22.004	0.001	22.029	0.001	32.407	0.010	32.491	0.005	32.537	0.005	32.575	0.002
22.080	0.005	22.102	0.005	22.190	0.002	22.239	-0.004	32.618	0.005	32.671	0.005	32.724	0.005	32.771	0.002
22.278	-0.004	22.318	-0.004	22.327	-0.007	22.367	-0.009	32.848	0.005	32.892	0.007	32.944	-0.007	32.997	0.005
22.423	-0.012	22.472	-0.007	22.521	-0.005	22.558	-0.003	33.031	0.005	33.092	0.002	33.139	-0.003	33.188	-0.003
22.598	-0.003	22.642	0.002	22.694	0.002	22.706	0.005	33.219	-0.005	33.253	-0.005	33.278	-0.005	33.336	-0.005
22.756	0.007	22.796	0.007	22.830	0.007	22.876	0.005	33.363	-0.005	33.396	-0.005	33.444	-0.005	33.480	-0.005
22.957	0.002	22.966	0.002	23.007	0.002	23.041	0.005	33.522	-0.003	33.546	0.005	33.603	0.005	33.655	0.005
23.078	0.005	23.116	0.002	23.150	-0.003	23.175	-0.005	33.703	0.005	33.748	0.005	33.811	0.005	33.869	0.002
23.206	-0.003	23.230	0.0	23.274	0.002	23.296	0.005	33.913	0.002	33.961	0.002	34.009	0.0	34.060	0.0
23.317	-0.003	23.354	-0.008	23.385	-0.005	23.410	0.0	34.159	-0.005	34.219	-0.005	34.252	-0.005	34.322	-0.005
23.441	-0.003	23.481	0.0	23.528	0.005	23.562	0.007	34.389	-0.005	34.413	-0.005	34.456	-0.005	34.511	-0.005
23.614	0.012	23.633	0.012	23.682	0.012	23.766	0.012	34.545	-0.003	34.584	0.0	34.652	0.005	34.703	0.005
23.790	0.007	23.821	0.007	23.846	0.007	23.861	0.002	34.725	0.005	34.752	0.005	34.804	0.005	34.850	0.005
23.880	-0.003	23.917	-0.005	23.966	0.002	23.994	0.005	34.897	0.005	34.974	0.005	35.011	0.005	35.072	0.002
24.046	0.007	24.090	0.012	24.117	0.012	24.173	0.014	35.119	0.002	35.168	-0.003	35.248	-0.003	35.300	-0.003
24.216	0.010	24.265	0.012	24.312	0.009	24.346	0.004	35.331	-0.005	35.374	-0.005	35.421	-0.005	35.464	-0.003
24.380	0.006	24.423	-0.001	24.472	-0.003	24.516	-0.008	35.504	-0.003	35.568	-0.003	35.602	0.0	35.642	0.0
24.546	-0.002	24.608	-0.006	24.621	-0.006	24.661	-0.002	35.692	0.0	35.769	0.0	35.824	0.005	35.846	0.005
24.688	-0.004	24.722	-0.004	24.738	-0.009	24.769	-0.007	35.886	0.005	35.984	0.002	36.015	0.002	36.058	0.002
24.812	-0.007	24.886	-0.007	24.898	-0.005	24.936	-0.005	36.107	0.002	36.166	0.002	36.215	0.0	36.246	0.0
24.960	-0.003	24.991	0.0	25.044	0.005	25.084	0.004	36.304	-0.002	36.332	-0.005	36.381	-0.005	36.415	-0.007
25.133	0.002	25.183	0.002	25.214	-0.004	25.266	-0.012	36.461	-0.007	36.517	-0.007	36.545	-0.006	36.600	-0.006
25.325	-0.010	25.368	-0.010	25.402	-0.010	25.449	-0.013	36.619	-0.001	36.674	0.004	36.702	0.004	36.754	0.004
25.505	-0.016	25.536	-0.012	25.567	-0.010	25.622	-0.007	36.810	0.009	36.874	0.007	36.904	0.007	36.956	0.002
25.659	-0.010	25.700	-0.012	25.762	-0.015	25.811	-0.013	36.996	0.005	37.024	0.005	37.079	0.005	37.128	0.003
25.839	-0.008	25.889	-0.008	25.917	-0.005	25.948	0.0	37.201	0.003	37.244	0.003	37.293	0.003	37.363	0.002
25.988	0.0	26.038	0.005	26.050	0.010	26.093	0.012	37.397	0.002	37.431	0.002	37.480	-0.003	37.544	-0.004
26.158	0.010	26.211	0.007	26.239	0.005	26.304	0.0	37.563	-0.004	37.609	-0.004	37.667	-0.004	37.713	-0.004
26.351	-0.005	26.391	-0.013	26.465	-0.013	26.502	-0.013	37.765	-0.005	37.799	-0.005	37.830	-0.005	37.873	-0.005
26.564	-0.015	26.632	-0.015	26.666	-0.015	26.746	-0.010	37.942	-0.005	37.973	-0.005	38.022	-0.005	38.053	-0.005
26.829	0.0	26.847	0.0	26.897	0.007	26.963	0.014	38.125	-0.008	38.140	-0.005	38.193	-0.005	38.246	-0.003
27.001	0.019	27.075	0.017	27.135	0.017	27.222	0.014	38.305	-0.003	38.367	-0.005	38.413	-0.005	38.450	-0.008
27.299	0.014	27.362	0.005	27.413	0.005	27.470	0.0	38.493	-0.008	38.542	-0.010	38.622	-0.015	38.705	-0.010
27.557	-0.010	27.602	-0.013	27.650	-0.008	27.719	-0.003	38.782	-0.010	38.834	-0.010	38.843	-0.010	38.916	-0.015
27.773	0.002	27.845	0.0	27.880	0.0	27.955	0.005	38.979	-0.015	39.013	-0.013	39.061	-0.008	39.128	-0.008
28.026	0.010	28.078	0.010	28.126	0.010	28.181	0.007	39.188	-0.005	39.252	-0.003	39.316	-0.005	39.401	-0.005
28.230	0.007	28.294	0.002	28.349	-0.003	28.378	-0.005	39.446	-0.005	39.540	-0.015	39.567	-0.015	39.634	-0.015
28.491	-0.010	28.546	-0.010	28.594	-0.010	28.658	-0.005	39.683	-0.010	39.710	-0.010	39.789	-0.010	39.819	-0.010
28.713	-0.005	28.790	-0.003	28.825	-0.003	28.889	0.0	39.881	-0.010	39.948	-0.011	39.981	-0.008	40.042	-0.001
28.935	0.0	28.987	-0.003	29.032	0.0	29.106	0.0	40.076	-0.001	40.155	0.001	40.210	-0.001	40.256	-0.004
29.142	0.002	29.240	-0.003	29.261	-0.003	29.334	-0.003	40.287	-0.004	40.329	-0.007	40.412	-0.012	40.433	-0.009
29.398	0.0	29.446	-0.003	29.494	-0.003	29.542	-0.008	40.485	-0.009	40.567	-0.010	40.601	-0.007	40.643	-0.007
29.593	-0.005	29.608	-0.005	29.666	-0.005	29.714	0.0	40.701	-0.007	40.735	-0.007	40.778	-0.007	40.811	-0.010
29.789	0.005	29.822	0.0	29.877	-0.005	29.938	-0.010	40.859	-0.013	40.904	-0.012	40.935	-0.012	41.007	-0.012
29.987	0.0	30.023	0.0	30.075	0.0	30.157	-0.005	41.043	-0.012	41.089	-0.012	41.119	-0.012	41.170	-0.012
30.187	-0.005	30.233	0.0	30.291	0.005	30.352	0.005	41.206	-0.012	41.279	-0.007	41.330	-0.007	41.363	-0.007
30.385	0.0	30.462	0.003	30.486	0.003	30.538	0.003	41.451	-0.011	41.502	-0.009	41.566	-0.011	41.623	-0.008
30.587	0.003	30.627	0.0	30.719	-0.004	30.755	-0.004	41.693	-0.006	41.775	0.002	41.823	0.002	41.863	-0.001
30.820	-0.004	30.884	-0.006	30.927	-0.006	31.012	-0.003	41.949	-0.006	42.005	-0.003	42.063	-0.008	42.186	-0.008
31.025	-0.003	31.077	-0.003	31.138	-0.002	31.196	-0.005	42.244	-0.005	42.303	-0.005	42.352	-0.003	42.406	-0.003
31.236	0.001	31.310	0.013	31.371	0.013	31.424	0.011	42.474	-0.005	42.541	0.0	42.602	-0.005	42.684	-0.005
31.479	0.009	31.495	0.009	31.538	0.004	31.578	0.004	42.755	-0.008	42.828	-0.010	42.912	-0.011	42.927	-0.008
31.609	0.004	31.658	0.004	31.705	0.0	31.748	0.002	42.966	-0.003	43.000	-0.006	43.063	-0.004	43.069	-0.001
31.776	0.002	31.853	0.0	31.881	-0.003	31.943	-0.003	43.144	-0.009	43.232	-0.007	43.280	-0.004	43.365	0.003

43.383	0.003	43.456	-0.002	43.566	-0.010	43.553	-0.005
43.666	-0.005	43.715	-0.008	43.816	-0.013	43.887	-0.015
43.950	-0.013	44.021	-0.008	44.096	-0.008	44.161	-0.008
44.214	-0.003	44.276	0.0	44.348	0.0	44.420	0.0
44.483	0.002	44.545	0.002	44.573	0.002	44.648	-0.003
44.724	-0.008	44.805	-0.008	44.861	-0.003	44.923	-0.003
44.960	-0.003	45.012	-0.003	45.087	-0.003	45.127	0.002
45.195	0.007	45.251	0.0	45.310	0.002	45.383	0.0
45.417	0.0	45.457	0.0	45.537	-0.003	45.556	0.0
45.614	0.0	45.676	0.002	45.737	0.005	45.845	-0.003
45.909	-0.006	45.995	-0.008	46.060	-0.006	46.121	-0.006
46.182	-0.004	46.247	-0.004	46.317	-0.004	46.351	-0.005
46.400	-0.005	46.458	-0.005	46.507	-0.005	46.608	-0.005
46.672	-0.008	46.767	-0.008	46.838	-0.008	46.884	-0.005
46.989	-0.003	47.041	-0.005	47.096	-0.005	47.133	-0.005
47.210	-0.005	47.260	-0.005	47.321	-0.003	47.379	-0.008
47.434	-0.005	47.471	-0.003	47.547	-0.003	47.599	-0.006
47.709	-0.006	47.748	-0.007	47.806	0.0	47.858	-0.003
47.903	-0.003	47.982	-0.006	48.108	-0.007	48.181	0.002
48.238	0.0	48.298	-0.008	48.378	-0.008	48.469	-0.003
48.524	0.002	48.564	0.005	48.588	0.0	48.668	-0.017

1365 PCINTS 49.696 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0121 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.032	0.012	-0.044	0.025	-0.049	0.046	-0.019	2.652	-0.009	2.678	0.003	2.693	0.003	2.709	0.001
0.053	-0.002	0.062	-0.010	0.074	-0.024	0.087	-0.027	2.731	0.003	2.772	0.021	2.785	0.026	2.800	0.030
0.108	-0.012	0.124	0.005	0.136	0.013	0.145	0.010	2.810	0.026	2.838	-0.021	2.857	0.016	2.863	0.013
0.158	0.003	0.170	0.013	0.182	0.025	0.198	0.035	2.892	-0.001	2.901	-0.006	2.926	-0.014	2.946	0.016
0.220	0.050	0.232	0.052	0.244	0.045	0.251	0.033	2.958	-0.028	2.977	-0.041	2.996	-0.046	3.002	-0.048
0.257	0.023	0.266	0.011	0.275	0.001	0.281	-0.009	3.030	-0.053	3.049	-0.051	3.071	-0.048	3.106	-0.041
0.291	-0.021	0.306	-0.043	0.331	0.038	0.334	-0.028	3.030	-0.053	3.049	-0.051	3.071	-0.048	3.106	-0.041
0.343	-0.018	0.353	0.006	0.368	0.033	0.381	0.036	3.119	-0.033	3.131	-0.019	3.156	-0.004	3.163	-0.004
0.390	0.031	0.406	0.017	0.422	0.004	0.431	-0.008	3.175	-0.004	3.207	-0.002	3.238	0.018	3.254	0.025
0.443	-0.023	0.472	-0.030	0.493	-0.035	0.525	-0.034	3.263	0.030	3.285	0.040	3.308	0.047	3.330	0.044
0.443	-0.023	0.472	-0.030	0.493	-0.035	0.525	-0.034	3.263	0.030	3.285	0.040	3.308	0.047	3.330	0.044
0.531	-0.017	0.553	-0.007	0.572	-0.007	0.593	0.005	3.390	0.010	3.399	-0.002	3.415	-0.009	3.434	-0.009
0.531	-0.017	0.553	-0.007	0.572	-0.007	0.593	0.005	3.390	0.010	3.399	-0.002	3.415	-0.009	3.434	-0.009
0.612	0.025	0.628	0.022	0.643	0.017	0.659	-0.022	3.459	-0.017	3.466	-0.019	3.481	-0.031	3.488	-0.046
0.668	0.025	0.690	0.018	0.712	0.010	0.722	0.001	3.507	-0.046	3.516	-0.051	3.542	-0.061	3.573	-0.058
0.734	-0.009	0.759	-0.014	0.781	-0.019	0.790	-0.021	3.608	-0.051	3.633	-0.036	3.655	-0.017	3.678	-0.012
0.800	-0.033	0.840	-0.043	0.856	-0.021	0.866	-0.011	3.700	-0.005	3.712	0.003	3.725	0.010	3.738	0.020
0.878	0.001	0.885	0.011	0.907	0.023	0.916	0.014	3.750	0.028	3.760	0.030	3.773	0.035	3.785	0.040
0.919	0.009	0.935	0.004	0.941	-0.006	0.954	-0.018	3.801	0.038	3.823	0.030	3.836	0.028	3.855	0.021
0.919	0.009	0.935	0.004	0.941	-0.006	0.954	-0.018	3.801	0.038	3.823	0.030	3.836	0.028	3.855	0.021
0.976	-0.020	1.000	-0.009	1.008	0.003	1.033	0.026	3.840	0.013	3.880	0.004	3.908	-0.001	3.930	-0.006
0.976	-0.020	1.000	-0.009	1.008	0.003	1.033	0.026	3.840	0.013	3.880	0.004	3.908	-0.001	3.930	-0.006
1.049	0.029	1.055	0.007	1.061	-0.003	1.071	-0.010	3.974	-0.011	3.971	-0.016	3.980	-0.015	3.989	-0.020
1.049	0.029	1.055	0.007	1.061	-0.003	1.071	-0.010	3.974	-0.011	3.971	-0.016	3.980	-0.015	3.989	-0.020
1.083	-0.027	1.099	-0.025	1.118	-0.013	1.134	-0.005	4.011	-0.028	4.024	-0.035	4.046	-0.047	4.058	-0.054
1.169	-0.003	1.219	-0.003	1.232	-0.003	1.232	-0.003	4.087	-0.066	4.102	-0.057	4.121	-0.059	4.137	-0.054
1.254	0.010	1.285	0.015	1.314	0.010	1.348	0.015	4.174	-0.046	4.200	-0.036	4.221	-0.014	4.228	-0.009
1.364	0.010	1.380	0.010	1.399	0.003	1.412	-0.005	4.237	-0.002	4.250	0.015	4.262	0.023	4.294	0.030
1.427	-0.007	1.443	-0.014	1.465	-0.017	1.490	-0.026	4.322	0.040	4.334	0.055	4.359	0.050	4.375	0.046
1.522	-0.026	1.538	-0.024	1.554	-0.019	1.576	-0.009	4.384	0.036	4.400	0.034	4.410	0.029	4.422	0.019
1.522	-0.026	1.538	-0.024	1.554	-0.019	1.576	-0.009	4.384	0.036	4.400	0.034	4.410	0.029	4.422	0.019
1.607	-0.006	1.626	-0.002	1.651	-0.006	1.686	0.008	4.435	0.009	4.430	0.002	4.475	0.0	4.488	-0.010
1.607	-0.006	1.626	-0.002	1.651	-0.006	1.686	0.008	4.435	0.009	4.430	0.002	4.475	0.0	4.488	-0.010
1.689	0.008	1.708	-0.001	1.711	-0.004	1.736	-0.013	4.504	-0.020	4.522	-0.027	4.538	-0.037	4.554	-0.042
1.755	-0.011	1.781	-0.011	1.803	-0.016	1.825	-0.013	4.574	-0.046	4.576	-0.051	4.588	-0.056	4.620	-0.061
1.755	-0.011	1.781	-0.011	1.803	-0.016	1.825	-0.013	4.574	-0.046	4.576	-0.051	4.588	-0.056	4.620	-0.061
1.866	-0.011	1.888	-0.001	1.904	0.019	1.932	0.021	4.654	-0.053	4.676	-0.041	4.692	-0.026	4.714	-0.016
1.866	-0.011	1.888	-0.001	1.904	0.019	1.932	0.021	4.654	-0.053	4.676	-0.041	4.692	-0.026	4.714	-0.016
1.958	0.029	1.983	0.033	1.986	0.029	1.993	0.016	4.726	-0.004	4.739	0.006	4.742	0.008	4.761	0.023
1.958	0.029	1.983	0.033	1.986	0.029	1.993	0.016	4.726	-0.004	4.739	0.006	4.742	0.008	4.761	0.023
2.005	0.002	2.037	-0.013	2.049	-0.011	2.065	-0.013	4.802	0.036	4.786	0.043	4.805	0.045	4.817	0.043
2.005	0.002	2.037	-0.013	2.049	-0.011	2.065	-0.013	4.802	0.036	4.786	0.043	4.805	0.045	4.817	0.043
2.091	-0.035	2.091	-0.035	2.110	-0.025	2.119	-0.018	4.856	-0.009	4.868	-0.038	4.880	-0.038	4.899	-0.021
2.091	-0.035	2.091	-0.035	2.110	-0.025	2.119	-0.018	4.856	-0.009	4.868	-0.038	4.880	-0.038	4.899	-0.021
2.135	-0.013	2.157	-0.013	2.189	-0.006	2.208	0.011	4.906	0.019	4.919	0.009	4.944	-0.001	4.953	-0.011
2.135	-0.013	2.157	-0.013	2.189	-0.006	2.208	0.011	4.906	0.019	4.919	0.009	4.944	-0.001	4.953	-0.011
2.220	0.011	2.233	0.002	2.252	0.002	2.280	0.009	4.969	-0.018	4.992	-0.028	5.008	-0.035	5.027	-0.042
2.220	0.011	2.233	0.002	2.252	0.002	2.280	0.009	4.969	-0.018	4.992	-0.028	5.008	-0.035	5.027	-0.042
2.296	0.021	2.309	0.016	2.334	0.009	2.356	0.006	5.043	-0.052	5.055	-0.052	5.093	-0.050	5.119	-0.045
2.296	0.021	2.309	0.016	2.334	0.009	2.356	0.006	5.043	-0.052	5.055	-0.052	5.093	-0.050	5.119	-0.045
2.369	0.006	2.382	-0.001	2.391	-0.006	2.400	-0.013	5.144	0.035	5.170	0.008	5.179	-0.001	5.195	0.014
2.369	0.006	2.382	-0.001	2.391	-0.006	2.400	-0.013	5.144	0.035	5.170	0.008	5.179	-0.001	5.195	0.014
2.422	-0.024	2.435	-0.028	2.438	-0.030	2.445	-0.035	5.211	0.024	5.227	0.036	5.243	0.051	5.262	0.061
2.422	-0.024	2.435	-0.028	2.438	-0.030	2.445	-0.035	5.211	0.024	5.227	0.036	5.243	0.051	5.262	0.061
2.457	-0.043	2.473	-0.048	2.498	-0.045	2.514	-0.043	5.297	0.058	5.297	0.051	5.319	0.044	5.332	0.036
2.457	-0.043	2.473	-0.048	2.498	-0.045	2.514	-0.043	5.297	0.058	5.297	0.051	5.319	0.044	5.332	0.036
2.533	-0.041	2.548	-0.033	2.552	-0.031	2.567	-0.021	5.338	0.034	5.348	0.024	5.370	0.019	5.373	0.007
2.533	-0.041	2.548	-0.033	2.552	-0.031	2.567	-0.021	5.338	0.034	5.348	0.024	5.370	0.019	5.373	0.007
2.583	-0.011	2.599	-0.009	2.605	-0.004	2.624	-0.011	5.389	0.0	5.399	-0.005	5.418	-0.010	5.431	-0.022
2.583	-0.011	2.599	-0.009	2.605	-0.004	2.624	-0.011	5.389	0.0	5.399	-0.005	5.418	-0.010	5.431	-0.022

5.456	-0.034	5.459	-0.037	5.472	-0.049	5.485	-0.054	10.599	0.005	10.636	0.005	10.658	0.007	10.693	0.012
5.501	-0.059	5.526	-0.052	5.539	-0.047	5.555	-0.039	10.730	0.012	10.755	0.005	10.793	0.0	10.840	-0.005
5.577	-0.034	5.603	-0.030	5.619	-0.020	5.629	-0.012	10.868	0.0	10.887	-0.002	10.911	0.0	10.930	0.005
5.641	-0.005	5.664	0.005	5.676	0.012	5.702	0.037	10.949	0.007	10.974	0.005	11.033	0.003	11.067	0.010
5.705	0.041	5.727	0.044	5.731	0.049	5.753	0.044	11.105	0.012	11.154	0.022	11.192	0.019	11.229	0.014
5.766	0.039	5.782	0.037	5.807	0.029	5.814	0.024	11.267	0.012	11.279	0.012	11.316	0.012	11.332	0.009
5.829	0.015	5.839	0.002	5.855	-0.008	5.886	-0.012	11.351	0.009	11.381	0.009	11.425	0.006	11.456	0.011
5.899	-0.010	5.921	-0.012	5.940	-0.020	5.962	-0.030	11.505	0.011	11.517	0.013	11.554	0.015	11.591	0.016
5.997	-0.034	5.997	-0.037	6.028	-0.032	6.050	-0.022	11.616	0.016	11.644	0.011	11.659	0.006	11.675	0.003
6.072	-0.022	6.095	-0.012	6.107	-0.008	6.123	0.005	11.693	0.001	11.718	-0.004	11.733	-0.004	11.749	-0.002
6.148	0.012	6.170	0.017	6.195	0.015	6.218	0.010	11.773	0.0	11.798	-0.002	11.814	-0.005	11.838	-0.002
6.233	0.003	6.259	0.003	6.284	-0.005	6.312	0.0	11.851	0.003	11.875	0.008	11.884	0.005	11.909	0.005
6.331	-0.003	6.372	-0.003	6.388	0.0	6.410	-0.008	11.931	0.010	11.949	0.010	11.974	0.005	11.998	0.0
6.442	-0.008	6.467	0.002	6.502	0.005	6.524	-0.003	12.035	-0.005	12.048	-0.003	12.085	0.007	12.109	0.003
6.549	0.0	6.574	0.0	6.590	0.0	6.625	0.0	12.125	0.010	12.149	0.015	12.136	0.005	12.205	0.003
6.653	0.002	6.688	0.017	6.713	0.017	6.729	0.007	12.257	0.015	12.294	0.015	12.313	0.013	12.344	0.006
6.755	0.010	6.780	0.017	6.789	0.019	6.805	0.017	12.365	0.003	12.378	0.001	12.406	-0.009	12.462	-0.008
6.830	0.017	6.856	0.017	6.872	0.012	6.897	0.007	12.493	0.004	12.524	0.009	12.555	0.002	12.605	0.010
6.910	0.010	6.936	0.007	6.961	0.007	6.983	0.009	12.617	0.010	12.667	0.011	12.729	0.018	12.754	0.008
7.012	0.012	7.041	0.007	7.050	0.002	7.073	-0.005	12.807	0.013	12.860	0.011	12.876	0.006	12.891	0.004
7.101	-0.003	7.114	-0.003	7.146	0.002	7.159	-0.001	12.926	-0.001	12.957	-0.006	12.976	-0.011	13.001	-0.011
7.172	-0.008	7.197	-0.011	7.216	-0.006	7.235	-0.003	13.051	-0.004	13.076	-0.008	13.107	-0.011	13.132	-0.006
7.267	-0.008	7.315	0.014	7.331	0.021	7.350	0.023	13.160	-0.001	13.207	0.006	13.223	0.009	13.254	0.004
7.388	0.023	7.413	0.028	7.435	0.013	7.454	0.001	13.291	0.009	13.313	0.006	13.348	-0.001	13.376	-0.004
7.489	0.001	7.508	0.003	7.520	0.003	7.546	-0.002	13.410	0.004	13.438	0.008	13.482	0.003	13.538	0.003
7.580	-0.007	7.590	-0.002	7.618	-0.005	7.643	-0.007	13.578	0.001	13.612	0.003	13.644	0.008	13.678	0.010
7.675	0.003	7.700	-0.010	7.710	-0.010	7.744	0.003	13.725	0.003	13.762	0.003	13.787	0.005	13.815	0.013
7.760	-0.002	7.795	-0.002	7.811	0.0	7.845	0.0	13.862	0.015	13.880	0.013	13.955	0.003	13.998	0.003
7.879	0.007	7.907	0.010	7.907	0.010	7.929	0.007	14.023	0.005	14.051	0.005	14.073	0.003	14.122	0.0
7.954	0.010	7.985	0.017	8.004	0.017	8.016	0.017	14.150	0.005	14.209	0.008	14.262	0.013	14.312	0.013
8.032	0.017	8.060	0.012	8.069	0.007	8.084	0.002	14.340	0.013	14.371	0.013	14.359	0.014	14.433	0.009
8.128	0.002	8.153	0.002	8.153	0.007	8.178	0.012	14.458	0.006	14.508	0.002	14.533	-0.001	14.574	-0.005
8.205	0.005	8.233	0.010	8.268	0.012	8.283	0.007	14.621	0.002	14.646	0.007	14.714	0.0	14.739	0.002
8.302	0.005	8.342	0.010	8.351	0.007	8.376	0.005	14.764	0.010	14.811	0.017	14.833	0.013	14.870	0.015
8.389	-0.005	8.401	-0.008	8.448	-0.010	8.470	0.002	14.921	0.020	14.962	0.017	14.977	0.015	15.021	0.017
8.516	0.002	8.541	0.002	8.557	-0.003	8.575	-0.005	15.043	0.012	15.053	0.005	15.087	0.003	15.100	0.007
8.613	0.0	8.625	0.0	8.656	0.005	8.675	0.007	15.144	0.010	15.188	0.012	15.201	0.015	15.248	0.017
8.697	0.002	8.715	-0.003	8.750	-0.010	8.781	-0.005	15.264	0.010	15.286	0.015	15.311	0.020	15.345	0.017
8.809	0.0	8.824	0.007	8.862	0.005	8.900	0.0	15.370	0.009	15.398	0.014	15.411	0.012	15.436	0.002
8.928	-0.002	8.944	0.0	8.962	-0.002	9.000	-0.005	15.452	0.001	15.492	0.001	15.542	-0.007	15.567	-0.007
9.025	-0.002	9.050	0.005	9.082	0.005	9.113	0.010	15.605	0.0	15.649	0.007	15.661	0.007	15.708	0.014
9.139	0.005	9.176	-0.002	9.176	0.005	9.192	0.005	15.737	0.016	15.768	0.011	15.805	0.006	15.849	0.013
9.211	0.003	9.239	0.005	9.255	0.003	9.271	0.0	15.868	0.013	15.902	0.005	15.948	0.005	15.964	0.005
9.293	0.0	9.312	-0.002	9.346	-0.004	9.384	0.003	15.998	-0.005	16.029	-0.005	16.051	0.0	16.079	0.003
9.388	0.003	9.410	0.001	9.467	-0.001	9.492	0.001	16.122	0.007	16.175	0.015	16.191	0.015	16.237	0.020
9.515	0.004	9.537	0.009	9.566	0.011	9.607	0.009	16.268	0.020	16.290	0.015	16.340	0.007	16.377	0.007
9.613	0.009	9.645	-0.001	9.651	-0.001	9.683	0.007	16.423	-0.003	16.485	-0.003	16.522	0.0	16.581	-0.005
9.650	0.007	9.712	0.009	9.737	0.012	9.763	0.005	16.612	-0.003	16.667	0.005	16.698	0.005	16.742	0.007
9.785	0.007	9.823	0.010	9.836	0.007	9.852	0.005	16.782	0.005	16.822	0.002	16.877	0.005	16.904	0.002
9.877	0.005	9.905	0.010	9.928	0.015	9.947	0.013	16.953	0.002	17.011	0.0	17.063	0.005	17.133	0.005
9.966	0.008	9.994	0.013	10.016	0.018	10.032	0.016	17.163	0.007	17.212	0.005	17.245	0.0	17.297	0.005
10.057	0.011	10.083	0.016	10.111	0.023	10.140	0.016	17.303	0.005	17.391	0.002	17.391	-0.003	17.425	0.002
10.155	0.016	10.200	0.021	10.222	0.021	10.241	0.016	17.464	0.007	17.486	0.007	17.516	0.007	17.559	0.005
10.260	0.017	10.304	0.017	10.317	0.017	10.348	0.014	17.583	0.007	17.625	0.010	17.671	0.014	17.698	0.017
10.383	0.014	10.398	0.022	10.433	0.014	10.470	0.009	17.741	0.014	17.805	0.009	17.866	0.009	17.924	0.007
10.508	0.019	10.521	0.015	10.549	0.012	10.574	0.007	17.961	0.004	17.989	0.007	18.004	0.004	18.073	0.009

18.115	0.003	18.161	0.003	18.207	0.003	18.238	0.005	27.810	-0.004	27.875	-0.006	27.924	-0.008	27.989	-0.001
18.269	0.005	18.294	0.008	18.321	0.015	18.333	0.014	28.018	0.004	28.086	0.002	28.131	0.0	28.212	-0.003
18.445	0.007	18.473	0.004	18.507	0.007	18.560	0.009	28.248	0.002	28.319	0.0	28.345	0.0	28.399	0.005
18.587	0.006	18.618	0.009	18.690	0.006	18.693	0.006	28.493	0.002	28.535	0.0	28.570	0.002	28.641	-0.003
18.721	0.004	18.748	0.004	18.779	0.006	18.807	0.011	28.689	-0.005	28.750	-0.003	28.802	0.002	28.868	0.007
18.851	0.013	18.895	0.009	18.929	0.004	18.988	-0.001	28.923	0.007	28.990	0.006	29.039	0.006	29.091	0.001
19.039	-0.002	19.057	0.002	19.089	0.002	19.129	-0.003	29.121	-0.004	29.161	-0.004	29.225	-0.001	29.271	-0.004
19.157	-0.006	19.201	-0.001	19.242	0.002	19.273	0.004	29.259	-0.006	29.341	-0.004	29.389	-0.001	29.432	0.004
19.330	-0.012	19.364	0.007	19.414	0.002	19.460	-0.003	29.441	0.001	29.510	-0.001	29.561	-0.003	29.582	-0.003
19.505	-0.003	19.549	0.005	19.581	0.009	19.644	0.014	29.661	-0.011	29.703	0.008	29.745	-0.001	29.775	0.001
19.722	0.012	19.731	0.012	19.769	0.012	19.797	0.004	29.811	0.006	29.850	0.001	29.899	0.0	29.923	-0.002
19.844	0.007	19.869	0.009	19.906	0.004	19.943	0.004	29.972	0.0	30.011	0.002	30.054	-0.003	30.109	-0.005
19.959	0.009	20.011	0.004	20.055	0.006	20.095	0.006	30.182	-0.005	30.203	-0.005	30.255	0.005	30.291	0.0
20.135	0.006	20.150	0.006	20.184	0.006	20.212	0.001	30.340	0.0	30.373	0.003	30.428	0.005	30.462	0.006
20.252	0.003	20.283	0.003	20.317	0.008	20.339	0.010	30.502	0.003	30.529	0.003	30.542	0.006	30.597	0.008
20.376	0.012	20.382	0.012	20.431	0.015	20.437	0.015	30.639	0.006	30.701	0.006	30.731	0.004	30.777	-0.001
20.453	0.012	20.483	0.015	20.526	0.019	20.572	0.012	30.814	0.004	30.847	0.006	30.903	0.006	30.948	-0.001
20.600	0.007	20.637	0.002	20.665	0.002	20.705	0.0	30.976	0.006	30.997	0.002	31.034	-0.001	31.071	0.002
20.732	0.005	20.781	0.007	20.818	0.010	20.855	0.012	31.117	0.002	31.145	0.007	31.187	0.005	31.233	0.007
20.920	0.015	20.951	0.012	20.992	0.002	21.004	0.002	31.255	0.003	31.295	0.0	31.325	-0.002	31.368	0.003
21.162	0.0	21.066	0.005	21.103	0.002	21.128	0.002	31.399	-0.002	31.442	-0.005	31.501	0.0	31.550	-0.002
21.274	0.005	21.323	0.005	21.354	0.0	21.401	0.0	31.584	0.002	31.640	0.004	31.680	0.009	31.739	0.004
21.441	0.002	21.468	0.005	21.502	0.005	21.530	0.0	31.788	-0.001	31.819	-0.006	31.884	-0.008	31.939	-0.001
21.579	-0.008	21.625	-0.008	21.677	0.0	21.724	0.005	32.029	0.004	32.094	0.0	32.165	0.002	32.215	0.0
21.785	0.0	21.844	-0.003	21.889	-0.010	21.914	-0.010	32.329	0.0	32.388	0.002	32.469	0.003	32.562	-0.005
21.950	-0.005	21.999	-0.003	22.023	0.0	22.078	0.005	32.506	0.001	32.565	-0.004	32.609	-0.002	32.662	-0.005
22.127	0.005	22.165	0.005	22.221	0.0	22.242	-0.008	32.739	-0.003	32.792	-0.003	32.879	-0.006	32.963	-0.004
22.334	-0.008	22.380	-0.003	22.432	0.0	22.472	0.005	33.021	-0.006	33.096	-0.004	33.145	-0.007	33.201	-0.007
22.515	0.0	22.583	0.002	22.642	0.0	22.685	-0.003	33.275	-0.007	33.318	-0.005	33.349	-0.005	33.415	-0.008
22.737	0.007	22.774	0.007	22.839	0.001	22.886	-0.001	33.445	-0.007	33.496	-0.005	33.553	-0.005	33.586	-0.007
22.963	0.003	23.025	0.008	23.072	0.010	23.122	0.012	33.643	-0.005	33.707	-0.002	33.782	-0.004	33.827	-0.004
23.174	0.010	23.230	0.010	23.274	0.012	23.317	0.010	33.899	-0.001	33.938	-0.001	34.019	-0.003	34.076	-0.003
23.379	0.005	23.432	0.005	23.432	0.003	23.497	-0.002	34.136	-0.003	34.208	-0.003	34.298	0.0	34.353	-0.003
23.540	0.0	23.602	0.005	23.636	0.008	23.688	0.010	34.392	-0.005	34.463	-0.003	34.563	-0.008	34.664	-0.008
23.756	0.013	23.824	0.008	23.889	0.006	23.923	0.006	34.728	-0.003	34.808	0.002	34.912	-0.003	34.992	-0.003
23.966	0.003	24.016	-0.002	24.050	0.003	24.071	0.003	35.100	-0.010	35.131	-0.012	35.211	-0.012	35.276	-0.007
24.118	0.008	24.170	0.010	24.207	0.007	24.235	0.005	35.334	-0.007	35.393	-0.009	35.485	-0.001	35.544	0.004
24.281	0.002	24.318	0.0	24.371	-0.003	24.395	-0.001	35.553	0.004	35.633	0.0	35.741	-0.001	35.784	0.001
24.454	-0.006	24.491	-0.004	24.525	0.001	24.559	0.003	35.864	0.004	35.963	0.006	35.987	0.006	36.067	0.001
24.618	0.001	24.682	-0.002	24.741	-0.005	24.756	-0.005	36.138	0.001	36.224	0.0	36.289	0.0	36.351	0.004
24.837	-0.010	24.874	-0.005	24.911	-0.002	24.973	-0.003	36.458	0.001	36.498	-0.004	36.572	-0.002	36.671	-0.002
25.038	-0.003	25.075	0.002	25.109	0.005	25.149	0.007	36.593	-0.002	36.763	0.002	36.797	0.002	36.868	0.001
25.195	0.005	25.245	0.0	25.285	0.002	25.337	0.0	36.923	-0.002	36.966	-0.005	37.055	-0.001	37.107	-0.001
25.375	0.005	25.421	-0.003	25.505	0.0	25.539	0.002	37.156	0.001	37.241	-0.002	37.321	-0.007	37.400	-0.001
25.610	0.002	25.644	0.0	25.703	0.0	25.740	-0.003	37.422	-0.004	37.468	-0.001	37.523	-0.001	37.572	-0.011
25.805	-0.005	25.833	-0.008	25.876	-0.010	25.926	-0.005	37.637	-0.010	37.683	-0.005	37.738	-0.002	37.814	-0.002
25.988	0.0	26.022	-0.003	26.075	-0.003	26.124	0.002	37.861	-0.004	37.895	-0.006	37.966	-0.008	38.035	-0.010
26.214	0.007	26.292	0.005	26.360	0.0	26.422	-0.005	38.143	-0.010	38.174	-0.007	38.264	-0.006	38.314	-0.004
26.471	-0.001	26.533	-0.003	26.582	-0.001	26.607	0.001	38.388	-0.006	38.431	-0.003	38.487	-0.003	38.539	-0.001
26.669	-0.001	26.718	-0.004	26.768	-0.007	26.824	0.0	38.613	-0.006	38.711	-0.009	38.785	-0.004	38.871	-0.002
26.887	-0.003	26.887	-0.005	26.937	-0.008	27.000	-0.003	38.947	-0.007	39.040	-0.004	39.095	-0.004	39.137	-0.006
27.041	-0.001	27.086	-0.003	27.119	-0.003	27.160	-0.001	39.247	-0.006	39.326	-0.003	39.359	-0.005	39.447	-0.005
27.205	0.002	27.244	-0.001	27.294	-0.003	27.357	-0.003	39.523	-0.003	39.620	-0.005	39.671	-0.005	39.708	-0.003
27.405	-0.001	27.456	-0.003	27.492	-0.003	27.558	0.001	39.747	0.0	39.811	0.0	39.875	0.0	39.911	-0.001
27.612	-0.004	27.669	-0.006	27.717	-0.004	27.768	0.001	39.954	-0.001	40.012	-0.001	40.082	0.001	40.110	-0.001
								40.177	-0.004	40.229	-0.004	40.269	-0.002	40.330	-0.005

40.415	-0.007	40.452	-0.008	40.498	-0.005	40.522	-0.003
40.571	-0.003	40.644	-0.001	40.687	-0.001	40.720	-0.001
40.781	-0.006	40.821	-0.011	40.878	-0.013	40.939	-0.016
40.984	-0.015	41.035	-0.010	41.083	-0.008	41.147	-0.008
41.192	-0.005	41.234	-0.005	41.291	-0.010	41.349	-0.013
41.400	-0.008	41.443	-0.008	41.500	-0.011	41.564	-0.008
41.633	-0.011	41.679	-0.011	41.721	-0.009	41.757	-0.009
41.737	-0.009	41.836	-0.009	41.882	-0.004	41.928	-0.008
41.956	-0.008	42.020	-0.013	42.057	-0.008	42.100	-0.010
42.162	-0.005	42.211	-0.010	42.272	-0.015	42.340	-0.010
42.373	-0.007	42.419	-0.010	42.495	-0.007	42.569	-0.011
42.621	-0.011	42.688	-0.007	42.743	-0.007	42.810	-0.012
42.874	-0.012	42.895	-0.010	42.967	-0.009	43.043	-0.007
43.115	-0.013	43.160	-0.013	43.181	-0.011	43.248	-0.011
43.296	-0.011	43.356	-0.008	43.463	-0.013	43.539	-0.008
43.621	-0.012	43.710	-0.014	43.774	-0.007	43.819	-0.004
43.893	-0.008	43.965	-0.006	44.018	-0.003	44.092	-0.001
44.142	-0.006	44.220	-0.008	44.329	-0.005	44.416	0.0
44.504	0.002	44.564	0.005	44.626	0.002	44.689	0.0
44.745	0.002	44.842	0.0	44.864	0.0	44.910	-0.008
44.966	-0.003	45.040	0.0	45.074	0.002	45.136	-0.003
45.180	-0.005	45.235	0.0	45.297	0.0	45.350	0.0
45.350	0.002	45.442	-0.003	45.510	0.002	45.531	0.002
45.602	-0.001	45.630	-0.001	45.707	0.004	45.741	-0.001
45.768	0.002	45.827	0.001	45.857	-0.001	45.931	0.001
45.989	0.001	46.025	0.001	46.054	0.003	46.103	-0.005
46.155	-0.005	46.219	-0.011	46.268	-0.011	46.330	-0.006
46.370	-0.006	46.443	-0.004	46.480	-0.006	46.520	-0.004
46.581	-0.001	46.615	-0.003	46.676	-0.001	46.716	-0.006
46.777	-0.001	46.792	-0.003	46.881	-0.001	46.927	0.002
46.955	0.0	47.004	0.002	47.081	0.005	47.143	0.005
47.232	0.007	47.306	0.0	47.415	-0.003	47.489	0.002
47.523	0.002	47.590	0.005	47.630	0.007	47.703	0.002
47.767	0.0	47.853	0.007	47.895	0.010	47.937	0.010
48.025	0.002	48.070	0.002	48.103	0.002	48.188	0.0
48.230	0.002	48.254	0.007	48.360	0.007	48.375	0.007
48.470	0.007	48.528	0.005	48.626	0.005	48.690	0.007
48.696	0.010						

IV323

57-015. 3/22/57 1515PST ALEXANDER BLDG., BSMT, SAN FRANCISCO, CAL. N81E

345 FCINTS 22.753 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0161 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.043	0.026	0.125	0.052	0.183	0.083	0.112	0.108	0.112	0.384	0.019	0.425	-0.004	7.463	-0.012	7.505	-0.004		
0.096	0.063	0.114	-0.026	0.145	-0.072	0.178	-0.103	0.178	-0.103	7.546	0.004	7.584	0.014	7.631	0.003	7.672	-0.004		
0.202	-0.105	0.235	-0.054	0.272	0.033	0.300	0.074	0.300	0.074	7.713	-0.005	7.785	-0.005	7.852	0.008	7.926	-0.013		
0.324	0.048	0.358	0.005	0.407	-0.033	0.460	-0.033	0.460	-0.033	8.001	-0.013	8.058	-0.003	8.104	-0.011	8.184	0.002		
0.499	-0.026	0.520	0.002	0.535	0.033	0.553	0.048	0.553	0.048	8.232	0.002	8.298	-0.011	8.363	-0.003	8.439	0.007		
0.590	0.023	0.645	0.025	0.671	0.020	0.723	0.002	0.723	0.002	8.499	0.004	8.557	-0.006	8.627	0.006	8.705	0.004		
0.752	0.023	0.791	0.007	0.822	-0.011	0.845	-0.023	0.845	-0.023	8.781	0.006	8.856	-0.017	8.914	0.003	8.989	-0.009		
0.890	-0.072	0.926	-0.003	0.950	0.022	1.004	0.048	1.004	0.048	9.028	-0.002	9.081	0.013	9.134	-0.002	9.187	0.016		
1.054	0.035	1.093	0.015	1.140	-0.013	1.166	-0.003	1.166	-0.003	9.223	-0.002	9.266	-0.017	9.318	0.006	9.370	0.011		
1.189	-0.024	1.213	-0.029	1.249	-0.006	1.283	0.038	1.283	0.038	9.447	0.0	9.491	0.008	9.554	-0.005	9.616	0.008		
1.312	0.066	1.335	0.058	1.364	0.032	1.387	-0.004	1.387	-0.004	9.657	-0.003	9.688	0.013	9.750	-0.008	9.841	-0.008		
1.408	-0.029	1.434	-0.039	1.473	-0.034	1.523	-0.004	1.523	-0.004	9.906	0.005	9.960	-0.006	10.017	0.002	10.076	0.010		
1.575	-0.030	1.604	-0.012	1.666	-0.017	1.682	0.052	1.682	0.052	10.154	0.002	10.224	-0.003	10.268	0.012	10.319	-0.004		
1.716	-0.067	1.752	0.031	1.794	-0.015	1.835	-0.035	1.835	-0.035	10.411	-0.001	10.464	0.019	10.564	-0.014	10.646	0.001		
1.876	-0.005	1.915	0.021	1.956	0.051	1.990	0.020	1.990	0.020	10.738	0.001	10.792	-0.010	10.853	0.005	10.902	-0.013		
2.065	-0.033	2.127	0.005	2.179	-0.013	2.259	-0.034	2.259	-0.034	10.964	0.002	11.036	0.002	11.064	0.010	11.142	-0.021		
2.297	-0.009	2.363	0.040	2.391	0.037	2.439	0.022	2.439	0.022	11.239	0.007	11.345	0.004	11.489	0.004	11.593	0.004		
2.477	-0.014	2.516	-0.040	2.541	-0.057	2.572	-0.032	2.572	-0.032	11.641	-0.009	11.703	-0.014	11.765	0.001	11.817	-0.007		
2.592	0.006	2.633	0.032	2.673	0.029	2.717	0.021	2.717	0.021	11.866	-0.002	11.913	0.006	11.959	0.003	12.024	-0.007		
2.755	0.008	2.804	-0.022	2.845	0.024	2.917	0.016	2.917	0.016	12.112	-0.012	12.163	-0.005	12.223	-0.002	12.319	-0.002		
2.961	0.039	3.007	0.021	3.043	0.0	3.097	-0.030	3.097	-0.030	12.376	0.008	12.435	-0.015	12.500	0.003	12.584	-0.017		
3.151	-0.010	3.187	0.003	3.241	0.028	3.290	0.002	3.290	0.002	12.667	-0.002	12.809	-0.007	12.892	0.003	12.998	-0.002		
3.321	-0.023	3.365	-0.029	3.417	-0.008	3.458	0.022	3.458	0.022	13.086	0.011	13.153	0.006	13.231	-0.007	13.329	-0.007		
3.513	0.022	3.562	0.027	3.621	0.009	3.665	-0.006	3.665	-0.006	13.376	0.006	13.422	0.006	13.505	-0.005	13.601	0.005		
3.699	-0.022	3.758	0.001	3.839	0.019	3.926	0.003	3.926	0.003	13.639	-0.006	13.706	0.006	13.774	-0.007	13.846	0.013		
3.966	-0.005	4.010	-0.020	4.053	-0.007	4.114	-0.015	4.114	-0.015	13.929	-0.002	14.076	-0.002	14.239	0.001	14.330	-0.007		
4.147	0.010	4.175	0.038	4.223	0.020	4.266	-0.005	4.266	-0.005	14.483	0.008	14.595	-0.007	14.678	0.003	14.725	0.008		
4.335	-0.011	4.386	-0.001	4.483	0.012	4.540	0.014	4.540	0.014	14.782	-0.002	14.837	-0.012	14.916	-0.005	14.981	-0.008		
4.606	-0.001	4.675	0.003	4.724	-0.010	4.772	-0.023	4.772	-0.023	15.088	-0.005	15.158	-0.002	15.242	0.003	15.333	0.008		
4.836	-0.002	4.903	0.020	4.950	0.017	5.054	-0.008	5.054	-0.008	15.414	-0.012	15.526	0.003	15.599	0.011	15.654	-0.002		
5.136	0.017	5.207	-0.001	5.271	-0.017	5.322	0.009	5.322	0.009	15.732	0.006	15.785	-0.005	15.866	-0.010	15.952	-0.002		
5.384	0.024	5.430	0.006	5.470	-0.005	5.552	0.0	5.552	0.0	16.005	0.011	16.078	0.008	16.133	-0.002	16.172	-0.015		
5.606	-0.005	5.705	-0.015	5.767	-0.003	5.823	-0.003	5.823	-0.003	16.272	-0.002	16.364	0.006	16.434	0.001	16.570	-0.007		
5.875	0.007	5.922	0.015	5.976	-0.003	6.038	-0.009	6.038	-0.009	16.675	0.008	16.782	0.001	16.922	-0.005	17.042	0.006		
6.090	0.004	6.149	0.014	6.183	0.019	6.237	-0.004	6.237	-0.004	17.153	-0.002	17.293	0.003	17.455	0.008	17.604	-0.007		
6.275	-0.022	6.308	-0.007	6.380	-0.002	6.418	0.006	6.418	0.006	17.730	0.003	17.819	0.008	17.878	-0.005	17.944	-0.012		
6.466	-0.002	6.507	-0.007	6.558	0.001	6.599	0.008	6.599	0.008	18.041	0.001	18.145	0.008	18.250	-0.005	18.382	0.003		
6.624	0.016	6.683	0.003	6.726	-0.013	6.784	-0.005	6.784	-0.005	18.507	-0.015	18.593	0.006	18.720	0.001	18.851	-0.007		
6.835	0.008	6.872	-0.005	6.908	0.002	7.003	-0.003	7.003	-0.003	18.949	0.006	19.024	0.003	19.086	-0.007	19.153	0.013		
7.114	-0.013	7.187	-0.006	7.299	-0.003	7.353	0.002	7.353	0.002	19.240	0.001	19.292	0.003	19.365	0.006	19.445	-0.002		

19.568	0.005	19.651	-0.003	19.747	-0.008	19.853	0.010
19.940	0.004	20.038	-0.001	20.115	0.004	20.239	-0.001
20.367	-0.009	20.492	0.0	20.599	-0.008	20.706	0.0
20.814	-0.006	20.922	-0.006	21.014	0.001	21.135	-0.005
21.299	-0.008	21.433	0.005	21.583	-0.006	21.815	-0.009
22.002	-0.004	22.285	-0.012	22.458	0.001	22.595	-0.012
22.753	-0.005						

346 POINTS 22.781 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0197 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.153	0.028	-0.185	0.054	-0.186	0.075	-0.092	7.009	-0.001	7.112	-0.004	7.172	-0.001	7.215	0.014	7.215	0.014
0.056	-0.044	0.122	-0.006	0.129	0.103	0.147	0.149	7.278	0.001	7.319	-0.007	7.355	-0.009	7.399	0.011	7.399	0.011
0.173	0.177	0.210	0.103	0.246	0.052	0.285	0.073	7.474	0.016	7.543	0.005	7.608	-0.008	7.649	0.015	7.649	0.015
0.329	0.022	0.358	-0.049	0.407	-0.064	0.449	-0.029	7.682	0.022	7.734	0.002	7.780	0.004	7.808	0.012	7.808	0.012
0.478	0.035	0.522	0.007	0.556	-0.003	0.582	0.007	7.901	-0.001	7.988	0.011	8.050	-0.007	8.137	0.001	8.137	0.001
0.616	0.032	0.645	-0.003	0.684	-0.042	0.715	-0.049	8.186	0.011	8.266	-0.002	8.327	0.0	8.357	0.010	8.357	0.010
0.746	-0.026	0.778	-0.044	0.801	-0.001	0.819	0.057	8.414	-0.007	8.462	0.010	8.517	-0.010	8.568	0.005	8.568	0.005
0.843	0.080	0.887	0.050	0.916	0.002	0.936	-0.049	8.605	0.015	8.661	0.015	8.703	0.0	8.766	0.017	8.766	0.017
0.968	-0.077	1.007	-0.059	1.051	-0.042	1.090	-0.009	8.804	0.012	8.855	-0.003	8.880	-0.011	8.935	0.010	8.935	0.010
1.119	0.024	1.155	0.055	1.184	0.047	1.233	0.022	8.998	-0.001	9.041	0.002	9.122	-0.011	9.199	-0.006	9.199	-0.006
1.259	0.007	1.298	-0.001	1.340	0.017	1.366	0.042	9.246	0.007	9.302	0.014	9.364	0.004	9.403	0.012	9.403	0.012
1.400	0.050	1.424	0.017	1.455	-0.019	1.481	-0.042	9.478	0.002	9.543	-0.009	9.587	-0.009	9.636	0.017	9.636	0.017
1.510	-0.047	1.538	-0.019	1.575	-0.001	1.622	-0.022	9.683	0.004	9.774	0.004	9.823	0.004	9.862	-0.014	9.862	-0.014
1.663	0.034	1.716	0.052	1.752	-0.012	1.781	0.019	9.915	0.017	9.983	0.002	10.079	0.002	10.157	0.007	10.157	0.007
1.822	0.047	1.856	0.067	1.915	0.072	1.957	0.029	10.241	0.014	10.288	0.022	10.355	-0.012	10.391	0.001	10.391	0.001
1.995	0.001	2.031	-0.017	2.091	-0.048	2.163	-0.032	10.444	0.009	10.508	-0.009	10.564	0.011	10.638	0.018	10.638	0.018
2.215	-0.017	2.287	0.018	2.328	-0.002	2.389	0.030	10.705	-0.005	10.774	0.008	10.838	-0.008	10.915	0.010	10.915	0.010
2.437	0.030	2.514	0.045	2.570	0.010	2.623	0.002	10.972	-0.001	11.026	0.009	11.062	-0.019	11.098	0.014	11.098	0.014
2.674	0.007	2.735	-0.019	2.786	-0.024	2.837	-0.019	11.139	-0.001	11.191	-0.006	11.247	-0.002	11.278	0.003	11.278	0.003
2.884	0.037	2.933	0.003	2.984	0.018	3.020	0.026	11.309	-0.014	11.371	-0.002	11.412	-0.007	11.487	0.0	11.487	0.0
3.082	0.021	3.126	0.028	3.146	0.036	3.185	0.010	11.531	0.005	11.606	-0.003	11.670	0.017	11.732	-0.001	11.732	-0.001
3.3218	-0.010	3.247	-0.023	3.290	-0.010	3.365	0.007	11.794	0.012	11.843	-0.004	11.889	-0.010	11.941	-0.010	11.941	-0.010
3.479	0.022	3.479	0.022	3.505	0.022	3.557	0.001	12.013	0.005	12.065	-0.003	12.109	-0.008	12.153	0.001	12.153	0.001
3.655	0.006	3.655	0.006	3.707	-0.017	3.766	0.011	12.248	-0.004	12.334	-0.004	12.407	0.001	12.438	-0.009	12.438	-0.009
3.827	0.018	3.870	0.016	3.906	0.008	3.969	0.013	12.482	0.001	12.529	-0.014	12.568	-0.002	12.625	-0.039	12.625	-0.039
4.002	0.002	4.038	-0.023	4.063	-0.031	4.132	-0.006	12.698	0.009	12.778	0.014	12.833	-0.003	12.933	-0.005	12.933	-0.005
4.234	0.014	4.234	0.014	4.274	0.024	4.331	0.009	13.068	0.003	13.156	-0.010	13.254	0.003	13.376	0.008	13.376	0.008
4.400	-0.027	4.400	-0.027	4.461	-0.004	4.507	0.014	13.446	-0.012	13.539	-0.002	13.595	-0.003	13.657	-0.017	13.657	-0.017
4.589	0.016	4.589	0.016	4.634	-0.004	4.650	-0.009	13.699	0.001	13.815	0.006	13.895	-0.009	13.965	-0.011	13.965	-0.011
4.778	0.008	4.778	0.008	4.808	-0.004	4.847	0.008	14.045	0.006	14.138	-0.004	14.216	-0.001	14.270	-0.009	14.270	-0.009
4.921	-0.017	4.921	-0.017	4.988	-0.007	5.029	0.013	14.371	0.009	14.470	-0.001	14.644	-0.004	14.720	-0.003	14.720	-0.003
5.123	0.0	5.123	0.0	5.154	0.023	5.203	0.005	14.777	-0.011	14.860	0.002	14.944	-0.009	15.046	-0.003	15.046	-0.003
5.308	0.005	5.308	0.005	5.366	-0.011	5.420	-0.008	15.221	0.004	15.352	0.006	15.492	0.002	15.628	0.002	15.628	0.002
5.494	0.015	5.494	0.015	5.519	0.010	5.560	0.002	15.701	-0.001	15.782	0.009	15.863	0.004	15.994	0.002	15.994	0.002
5.606	0.005	5.606	0.005	5.644	-0.003	5.703	-0.003	16.172	-0.003	16.345	0.002	16.481	-0.003	16.596	-0.003	16.596	-0.003
5.805	0.017	5.805	0.017	5.854	0.014	5.901	-0.001	16.657	0.004	16.740	-0.006	16.863	0.002	16.982	-0.006	16.982	-0.006
5.960	-0.001	6.040	0.004	6.110	0.009	6.154	0.004	17.080	0.014	17.166	-0.006	17.278	-0.006	17.378	0.004	17.378	0.004
6.208	-0.005	6.263	0.009	6.352	0.006	6.446	0.008	17.483	-0.006	17.617	-0.001	17.702	0.001	17.830	-0.006	17.830	-0.006
6.571	-0.002	6.571	-0.002	6.627	0.003	6.681	0.010	17.985	0.006	18.102	-0.007	18.235	-0.009	18.288	-0.003	18.288	-0.003
6.757	0.015	6.757	0.015	6.853	0.002	6.944	0.007	18.431	-0.007	18.553	-0.007	18.718	-0.003	18.787	0.007	18.787	0.007

18.890	0.003	18.970	-0.013	19.096	0.002	19.176	-0.005
19.225	0.005	19.305	-0.005	19.393	0.002	19.492	-0.006
19.711	-0.006	19.868	0.001	20.108	0.0	20.324	0.0
20.523	-0.009	20.699	-0.002	20.876	-0.005	21.117	-0.006
21.433	-0.004	21.549	-0.005	21.750	-0.013	21.948	-0.005
22.137	-0.016	22.262	-0.011	22.417	-0.016	22.551	-0.006
22.673	-0.006	22.781	-0.016				

339 POINTS 22.794 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0098 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.038	0.034	0.0	0.065	-0.040	0.106	-0.021	6.401	0.009	6.452	0.022	6.513	-0.002	6.543	0.011	6.582	-0.008
0.129	0.0	0.166	-0.013	0.202	-0.032	0.233	-0.010	6.582	-0.008	6.630	0.011	6.671	-0.003	6.724	0.015	6.768	-0.005
0.253	0.017	0.282	0.028	0.300	-0.013	0.313	-0.042	6.768	0.005	6.801	-0.009	6.858	0.010	6.921	0.015	6.984	0.009
0.334	-0.056	0.358	-0.029	0.378	0.012	0.407	0.012	6.984	0.009	7.019	-0.007	7.067	0.009	7.115	0.003	7.183	0.003
0.451	-0.039	0.480	-0.001	0.524	0.020	0.553	-0.009	7.183	0.003	7.226	0.013	7.296	-0.008	7.361	0.005	7.412	0.010
0.584	-0.044	0.600	-0.025	0.634	0.004	0.665	-0.012	7.412	0.010	7.433	0.007	7.476	-0.001	7.512	0.015	7.554	0.001
0.720	0.024	0.741	0.010	0.777	0.009	0.832	-0.019	7.554	0.001	7.585	0.012	7.621	0.001	7.708	0.012	7.752	0.003
0.866	-0.030	0.905	0.008	0.942	0.013	0.978	0.022	7.752	0.003	7.844	0.008	7.888	-0.003	7.916	0.013	7.963	0.0
0.996	0.006	1.020	-0.027	1.033	-0.040	1.054	-0.040	7.963	0.0	8.027	-0.006	8.091	0.007	8.150	-0.006	8.181	0.010
1.074	-0.026	1.103	0.017	1.121	0.052	1.150	0.068	8.181	0.010	8.202	-0.009	8.263	0.007	8.335	0.004	8.437	0.009
1.181	C.060	1.210	0.020	1.238	-0.007	1.262	-0.023	8.437	0.009	8.495	-0.002	8.568	0.009	8.661	0.003	8.762	0.011
1.301	-0.028	1.324	-0.031	1.353	-0.004	1.387	0.017	8.762	0.011	8.847	-0.008	8.910	0.008	8.989	-0.008	9.042	0.005
1.418	0.042	1.450	0.017	1.473	-0.015	1.510	0.020	9.042	0.005	9.193	-0.011	9.254	0.011	9.315	-0.003	9.354	-0.008
1.530	-0.025	1.562	0.001	1.603	-0.004	1.653	0.020	9.354	-0.008	9.434	0.010	9.486	-0.003	9.566	0.007	9.649	-0.004
1.692	-0.001	1.729	-0.012	1.762	-0.006	1.798	-0.013	9.649	-0.004	9.777	-0.001	9.906	0.001	10.012	-0.010	10.058	0.002
1.835	C.023	1.876	0.005	1.915	0.010	1.982	-0.032	10.058	0.004	10.177	0.001	10.226	-0.002	10.273	0.011	10.350	-0.011
2.024	C.005	2.062	0.018	2.093	0.013	2.143	-0.006	10.350	-0.011	10.437	0.003	10.508	-0.008	10.600	-0.001	10.674	0.007
2.141	-0.018	2.174	0.019	2.220	0.005	2.313	-0.011	10.674	0.007	10.736	-0.001	10.792	-0.007	10.864	0.004	10.946	0.003
2.244	0.016	2.588	0.013	2.613	0.021	2.644	0.005	11.056	0.005	11.150	-0.008	11.191	-0.022	11.263	0.002	11.343	-0.004
2.674	-0.017	2.727	-0.012	2.778	0.002	2.832	0.034	11.343	-0.004	11.402	-0.004	11.459	-0.007	11.518	-0.004	11.559	0.001
2.868	0.015	2.917	-0.004	2.966	0.010	3.023	0.004	11.559	0.001	11.621	-0.007	11.655	-0.012	11.701	0.001	11.758	0.006
3.067	-0.004	3.108	0.007	3.146	0.001	3.170	0.017	11.758	0.006	11.820	-0.002	11.866	-0.007	11.926	-0.002	12.023	0.003
3.195	0.033	3.242	0.017	3.285	0.004	3.309	-0.004	11.993	0.005	12.057	-0.005	12.088	-0.013	12.161	-0.003	12.245	0.0
3.350	0.014	3.373	-0.007	3.399	-0.018	3.435	0.011	12.220	-0.005	12.292	-0.006	12.370	-0.003	12.451	0.0	12.535	0.006
3.471	0.022	3.492	0.003	3.539	-0.011	3.562	-0.022	12.495	-0.011	12.542	-0.011	12.596	0.0	12.672	-0.003	12.757	-0.006
3.593	0.002	3.629	0.029	3.670	0.010	3.717	0.015	12.729	-0.008	12.794	0.002	12.884	0.0	12.959	-0.006	13.034	0.006
3.776	-0.001	3.837	0.017	3.914	0.017	3.970	0.011	13.024	0.005	13.094	0.0	13.138	-0.014	13.208	-0.006	13.283	0.006
4.033	-0.010	4.071	0.016	4.122	0.027	4.148	0.005	13.255	0.005	13.343	-0.006	13.404	-0.011	13.508	0.0	13.578	-0.011
4.198	-0.017	4.234	-0.003	4.280	0.010	4.315	0.031	13.598	-0.003	13.634	0.006	13.709	0.008	13.776	0.011	13.851	0.011
4.349	0.010	4.397	0.001	4.448	-0.026	4.474	0.012	13.846	-0.006	13.911	0.008	14.027	-0.003	14.161	0.0	14.292	-0.003
4.512	0.009	4.571	0.030	4.607	0.011	4.647	-0.005	14.265	-0.006	14.374	0.011	14.441	-0.011	14.592	-0.003	14.670	-0.005
4.678	-0.014	4.706	0.002	4.744	0.018	4.770	0.029	14.670	-0.006	14.779	0.006	14.868	0.005	14.939	-0.011	15.014	0.005
4.806	0.018	4.852	0.001	4.901	-0.004	4.957	0.014	15.054	0.0	15.273	-0.006	15.544	0.0	15.758	0.003	15.934	0.003
5.011	0.019	5.088	-0.005	5.136	0.005	5.205	0.021	16.025	-0.002	16.334	-0.008	16.552	0.006	16.785	-0.008	17.014	-0.006
5.246	0.010	5.323	0.002	5.389	0.018	5.456	0.012	16.912	0.003	17.060	0.008	17.262	0.0	17.522	-0.006	17.772	-0.002
5.466	0.001	5.553	-0.010	5.596	0.017	5.665	0.014	17.604	0.001	17.658	-0.007	17.722	0.004	17.843	-0.002	18.014	-0.003
5.749	0.006	5.790	0.016	5.839	0.005	5.870	0.008	18.156	-0.003	18.373	-0.001	18.607	-0.004	18.772	-0.003	18.934	-0.003
5.914	-0.003	5.978	0.013	6.056	0.007	6.100	-0.004	18.893	-0.005	19.006	-0.005	19.168	-0.005	19.378	-0.003	19.549	-0.003
6.175	-0.010	6.214	0.001	6.255	0.020	6.337	-0.010	19.614	-0.003	19.791	-0.006	19.956	-0.008	20.061	-0.003	20.214	-0.003

20.211	-0.011	20.316	0.0	20.408	-0.011	20.546	0.0
20.868	-0.008	20.853	-0.008	21.007	0.0	21.135	-0.006
21.364	-0.006	21.604	-0.006	21.792	0.0	21.857	0.005
21.940	-0.011	22.082	0.0	22.272	-0.006	22.471	-0.006
22.606	-0.006	22.691	-0.006	22.794	0.002		

411 PCINTS 15.670 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCD, MINIMIZED
IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0308 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.009	0.046	0.004	0.110	0.014	0.133	0.055	5.579	0.021	5.629	0.016	5.685	0.015	5.753	0.005	5.905	-0.033
0.080	0.080	0.221	0.111	0.232	0.126	0.282	0.080	5.798	-0.011	5.848	-0.027	5.905	-0.032	5.952	-0.033	6.042	-0.002
0.160	0.029	0.363	-0.027	0.401	0.024	0.436	0.054	6.003	-0.028	6.042	-0.033	6.098	0.012	6.147	0.002	6.204	-0.014
0.240	0.069	0.503	0.028	0.538	0.003	0.570	0.028	6.204	-0.014	6.249	-0.014	6.291	-0.010	6.322	-0.005	6.365	-0.010
0.320	0.044	0.619	0.008	0.657	0.003	0.687	0.059	6.365	-0.010	6.399	0.005	6.453	-0.021	6.486	-0.026	6.529	-0.028
0.400	0.115	0.757	0.150	0.783	0.119	0.803	0.084	6.529	-0.028	6.572	0.009	6.612	-0.002	6.652	-0.017	6.695	-0.033
0.480	0.058	0.844	0.027	0.865	0.006	0.882	-0.019	6.684	-0.028	6.724	-0.033	6.756	-0.033	6.796	-0.023	6.837	-0.033
0.560	-0.040	0.923	-0.056	0.949	-0.086	0.973	-0.031	6.827	0.002	6.867	0.012	6.908	0.002	6.936	0.002	6.977	-0.033
0.640	0.102	1.028	0.040	1.037	0.075	1.060	0.121	6.959	0.002	6.994	0.002	7.014	0.001	7.042	0.001	7.077	-0.033
0.720	-0.006	1.108	-0.038	1.131	0.104	1.154	0.078	7.071	0.001	7.102	0.001	7.131	0.001	7.171	0.001	7.202	-0.033
0.800	0.062	1.257	0.042	1.289	0.041	1.311	0.020	7.202	0.001	7.228	0.006	7.262	0.001	7.296	-0.004	7.333	-0.033
0.880	-0.006	1.357	-0.032	1.386	-0.058	1.403	-0.043	7.333	-0.004	7.364	-0.014	7.393	-0.019	7.430	-0.025	7.462	-0.033
0.960	0.028	1.452	0.028	1.497	0.052	1.520	0.031	7.430	-0.025	7.530	-0.025	7.574	-0.025	7.602	-0.025	7.636	-0.033
1.040	0.021	1.586	0.025	1.609	0.055	1.632	0.075	7.616	-0.025	7.657	-0.009	7.705	0.001	7.757	0.011	7.793	-0.033
1.120	0.095	1.692	0.100	1.707	0.084	1.747	0.058	7.793	0.016	7.827	0.016	7.857	0.016	7.893	0.006	7.927	-0.033
1.200	0.022	1.819	0.007	1.839	-0.019	1.859	-0.030	7.927	0.006	7.960	0.006	7.988	0.006	8.018	0.006	8.048	-0.033
1.280	-0.045	1.910	-0.061	1.933	-0.056	1.948	-0.015	8.060	0.011	8.101	0.016	8.129	0.006	8.151	0.006	8.181	-0.033
1.360	0.035	2.002	0.051	2.037	0.126	2.081	0.095	8.170	-0.009	8.228	-0.019	8.278	-0.025	8.300	-0.025	8.330	-0.033
1.440	0.085	2.134	0.059	2.158	0.043	2.181	0.022	8.327	-0.025	8.366	-0.015	8.410	-0.015	8.454	-0.015	8.488	-0.033
1.520	-0.004	2.285	-0.025	2.285	-0.025	2.332	-0.005	8.498	-0.015	8.523	-0.015	8.559	-0.010	8.587	-0.005	8.617	-0.033
1.600	0.009	2.357	0.009	2.423	0.009	2.441	0.008	8.626	-0.005	8.654	-0.005	8.694	-0.005	8.713	0.006	8.743	-0.033
1.680	0.038	2.512	0.053	2.567	0.063	2.594	0.062	8.747	-0.016	8.794	-0.011	8.834	0.009	8.878	0.013	8.912	-0.024
1.760	0.046	2.649	0.026	2.675	0.010	2.696	-0.011	8.923	0.008	8.962	0.002	9.007	-0.008	9.041	-0.024	9.075	-0.010
1.840	-0.021	2.757	-0.022	2.792	-0.007	2.815	0.013	9.068	-0.035	9.096	-0.040	9.124	-0.035	9.159	-0.010	9.193	-0.001
1.920	0.033	2.909	0.058	2.955	0.073	3.019	0.057	9.201	-0.011	9.234	-0.006	9.270	-0.001	9.292	-0.001	9.326	-0.001
2.000	0.041	3.125	0.025	3.162	0.009	3.190	-0.001	9.325	-0.002	9.358	-0.002	9.378	-0.003	9.403	-0.003	9.433	-0.003
2.080	0.032	3.230	-0.022	3.279	-0.033	3.344	-0.014	9.438	-0.003	9.466	-0.004	9.483	-0.004	9.515	0.016	9.545	-0.006
2.160	0.032	3.340	0.052	3.446	0.036	3.469	0.016	9.549	0.011	9.571	0.0	9.624	-0.001	9.671	0.009	9.701	-0.009
2.240	0.010	3.520	0.0	3.554	-0.006	3.591	-0.001	9.732	-0.008	9.765	0.008	9.801	0.008	9.848	-0.023	9.878	-0.023
2.320	0.008	3.667	0.018	3.700	0.033	3.737	0.033	9.881	-0.048	9.920	-0.054	9.978	-0.039	10.036	-0.018	10.083	-0.018
2.400	0.032	3.790	0.022	3.824	0.021	3.855	0.021	10.089	-0.014	10.136	-0.004	10.184	-0.004	10.231	-0.014	10.278	-0.014
2.480	0.020	3.937	0.040	3.971	0.035	4.013	0.024	10.254	-0.014	10.308	-0.014	10.361	-0.004	10.417	-0.009	10.464	-0.009
2.560	0.008	4.078	-0.008	4.121	-0.023	4.159	-0.044	10.458	-0.009	10.514	-0.009	10.567	-0.009	10.582	-0.009	10.629	-0.009
2.640	-0.004	4.256	-0.005	4.331	-0.001	4.383	0.029	10.603	-0.009	10.648	-0.005	10.674	-0.009	10.713	-0.014	10.743	-0.014
2.720	0.003	4.474	-0.013	4.526	0.002	4.576	0.007	10.742	-0.019	10.790	-0.019	10.840	-0.025	10.909	-0.025	10.956	-0.025
2.800	0.006	4.666	0.005	4.698	0.005	4.713	0.005	10.965	-0.025	11.018	-0.019	11.062	-0.019	11.121	-0.019	11.168	-0.019
2.880	0.004	4.812	0.004	4.859	0.023	4.908	0.023	11.173	-0.019	11.215	-0.019	11.233	-0.019	11.253	-0.019	11.283	-0.019
2.960	-0.008	4.970	-0.039	5.048	-0.040	5.105	-0.031	11.284	-0.019	11.315	-0.019	11.349	-0.019	11.381	-0.014	11.411	-0.014
3.040	-0.001	5.208	-0.001	5.268	-0.002	5.322	-0.002	11.423	-0.014	11.452	-0.009	11.480	-0.009	11.509	-0.009	11.539	-0.009
3.120	-0.003	5.428	-0.003	5.482	-0.004	5.528	-0.016	11.535	-0.004	11.563	-0.004	11.600	-0.004	11.639	-0.014	11.669	-0.014

11.679	-0.019	11.713	-0.019	11.755	-0.019	11.769	-0.019
11.831	-0.019	11.905	-0.025	11.950	-0.019	12.009	-0.004
12.049	-0.004	12.074	-0.004	12.096	-0.004	12.141	-0.004
12.181	-0.004	12.214	-0.004	12.228	-0.004	12.270	-0.014
12.307	-0.014	12.341	-0.014	12.374	-0.014	12.414	-0.014
12.442	-0.014	12.484	-0.005	12.535	-0.019	12.588	-0.030
12.599	-0.030	12.661	-0.025	12.697	-0.019	12.753	-0.019
12.790	-0.019	12.821	-0.025	12.866	-0.019	12.902	0.001
12.938	0.011	13.000	0.016	13.051	-0.009	13.119	-0.025
13.184	-0.009	13.251	-0.009	13.297	-0.009	13.330	-0.009
13.390	-0.009	13.425	-0.005	13.489	-0.009	13.554	-0.025
13.611	-0.025	13.668	-0.019	13.719	-0.019	13.784	-0.019
13.835	-0.009	13.887	-0.009	13.912	-0.009	13.952	-0.009
13.989	-0.009	14.035	-0.009	14.068	-0.009	14.111	-0.014
14.145	-0.019	14.190	-0.019	14.238	-0.019	14.300	-0.019
14.351	-0.019	14.394	-0.019	14.433	-0.019	14.465	-0.019
14.521	-0.019	14.552	-0.019	14.627	-0.009	14.680	-0.004
14.741	0.001	14.799	-0.004	14.846	-0.014	14.891	-0.019
14.932	-0.025	14.980	-0.025	15.032	-0.025	15.066	-0.025
15.110	-0.025	15.144	-0.025	15.191	-0.025	15.236	-0.019
15.291	-0.019	15.353	-0.019	15.378	-0.019	15.420	-0.019
15.445	-0.019	15.475	-0.019	15.503	-0.019	15.548	-0.019
15.602	-0.019	15.647	-0.019	15.670	-0.014		

IV324

57.016. 3/22/57 1515PST ALEXANDER BLDG., 11TH FL., SAN FRANCISCO, CAL. S09E

379 PCINTS 15.644 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCRD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0253 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	
0.0	-0.062	0.044	-0.057	0.084	-0.037	0.119	-0.006	6.572	-0.013	6.609	-0.013	6.655	0.007	6.704	0.017	6.750	0.014	
0.050	0.050	0.189	0.116	0.227	0.147	0.233	0.152	6.744	0.016	6.804	-0.014	6.842	-0.025	6.893	-0.005	6.939	-0.005	
0.154	0.0265	0.285	0.014	0.323	-0.057	0.352	-0.058	6.919	0.005	6.951	0.015	6.989	0.025	7.036	0.005	7.082	0.005	
0.265	0.390	-0.098	0.430	-0.037	0.468	0.014	0.523	0.080	7.094	0.015	7.148	0.025	7.188	0.025	7.237	0.020	7.286	0.020
0.390	0.579	0.085	0.623	0.065	0.661	0.019	0.690	-0.027	7.270	-0.011	7.319	-0.016	7.356	-0.016	7.390	-0.016	7.429	-0.016
0.509	0.731	-0.057	0.766	-0.083	0.789	-0.108	0.827	-0.042	7.441	-0.001	7.492	-0.019	7.523	-0.014	7.576	-0.006	7.623	-0.006
0.859	-0.001	0.894	0.034	0.921	0.014	0.953	-0.006	7.629	-0.022	7.684	-0.032	7.734	-0.032	7.795	-0.016	7.846	-0.016	
0.994	-0.032	1.040	-0.022	1.091	0.050	1.120	0.080	7.843	-0.006	7.887	0.004	7.932	0.009	7.977	0.014	8.022	0.014	
1.160	0.101	1.185	0.055	1.205	0.019	1.226	0.004	7.990	0.009	8.026	-0.006	8.092	-0.011	8.142	-0.009	8.188	-0.009	
1.240	0.067	1.266	-0.053	1.300	-0.042	1.326	0.004	8.188	0.009	8.254	0.009	8.279	0.009	8.318	0.009	8.357	0.009	
1.349	0.050	1.423	0.106	1.463	0.055	1.492	0.014	8.362	0.019	8.400	0.009	8.442	0.009	8.486	0.009	8.529	0.009	
1.520	-0.027	1.549	-0.042	1.586	-0.006	1.629	0.029	8.528	0.009	8.568	0.009	8.595	0.009	8.640	0.009	8.686	0.009	
1.675	0.055	1.718	0.009	1.779	-0.042	1.816	0.004	8.690	0.014	8.738	0.004	8.788	-0.006	8.833	-0.001	8.879	-0.001	
1.842	0.040	1.899	0.065	1.942	0.029	1.977	0.004	8.903	-0.011	8.948	-0.016	8.990	-0.027	9.026	-0.037	9.066	-0.037	
2.035	-0.042	2.060	-0.052	2.141	-0.011	2.200	-0.009	9.059	-0.037	9.112	-0.006	9.153	-0.016	9.192	-0.016	9.232	-0.016	
2.268	0.009	2.306	0.014	2.350	-0.011	2.389	-0.011	9.236	-0.032	9.277	-0.016	9.313	0.004	9.368	0.014	9.414	0.014	
2.427	-0.011	2.457	-0.011	2.521	-0.006	2.550	-0.027	9.410	0.014	9.440	0.014	9.476	0.014	9.507	0.014	9.539	0.014	
2.577	-0.032	2.604	0.009	2.682	0.055	2.740	0.085	9.552	0.007	9.620	0.018	9.692	0.018	9.739	0.012	9.789	0.012	
2.772	0.040	2.804	0.009	2.839	-0.022	2.871	-0.027	9.772	0.007	9.830	0.002	9.886	0.001	9.941	0.001	10.000	0.001	
2.924	-0.006	2.973	0.024	3.031	0.045	3.085	0.045	9.988	-0.010	10.049	-0.020	10.122	-0.006	10.173	-0.006	10.246	-0.006	
3.119	0.045	3.176	0.019	3.224	0.009	3.256	-0.011	10.223	-0.017	10.264	-0.012	10.314	-0.012	10.358	-0.012	10.402	-0.012	
3.318	-0.027	3.361	-0.042	3.409	0.004	3.449	0.009	10.417	-0.012	10.453	-0.012	10.468	-0.012	10.500	-0.012	10.534	-0.012	
3.495	0.014	3.520	0.014	3.551	0.009	3.585	0.004	10.542	-0.007	10.595	-0.002	10.637	0.003	10.669	0.003	10.699	0.003	
3.610	-0.016	3.644	-0.032	3.658	-0.032	3.703	-0.001	10.714	-0.002	10.749	-0.002	10.776	-0.002	10.823	-0.002	10.853	-0.002	
3.742	0.004	3.784	-0.011	3.821	-0.016	3.869	-0.011	10.874	0.003	10.930	0.003	10.957	0.003	10.993	0.008	11.023	0.008	
3.925	0.009	3.967	0.019	4.015	0.029	4.050	0.034	11.047	0.008	11.084	0.008	11.144	0.008	11.187	0.014	11.230	0.014	
4.096	-0.001	4.139	-0.042	4.187	-0.006	4.236	0.040	11.218	0.008	11.264	-0.002	11.289	-0.007	11.355	-0.006	11.398	-0.006	
4.288	0.050	4.343	0.024	4.403	-0.007	4.440	-0.007	11.409	0.004	11.448	0.004	11.500	-0.006	11.534	-0.012	11.576	-0.012	
4.489	0.018	4.529	0.039	4.558	0.033	4.608	0.018	11.579	-0.012	11.619	-0.012	11.658	-0.012	11.698	-0.007	11.738	-0.007	
4.672	0.007	4.731	-0.003	4.763	-0.003	4.821	-0.009	11.729	-0.017	11.774	-0.007	11.794	-0.007	11.832	-0.007	11.872	-0.007	
4.880	-0.004	4.918	-0.015	4.967	-0.025	5.014	-0.036	11.853	-0.007	11.896	-0.002	11.947	0.003	11.995	0.007	12.043	0.007	
5.062	-0.037	5.114	-0.027	5.162	-0.007	5.211	-0.002	12.023	0.007	12.056	0.007	12.082	0.007	12.135	0.005	12.178	0.005	
5.265	0.004	5.339	-0.004	5.385	-0.004	5.408	0.011	12.166	0.006	12.214	0.0	12.267	0.0	12.306	0.006	12.349	0.006	
5.459	0.026	5.511	0.026	5.559	0.0	5.589	-0.005	12.357	0.004	12.385	0.004	12.424	0.004	12.447	0.004	12.477	0.004	
5.634	0.015	5.682	0.015	5.730	0.010	5.761	0.005	12.486	0.003	12.517	0.003	12.554	0.003	12.576	0.003	12.609	0.003	
5.780	0.004	5.820	0.004	5.873	0.009	5.907	0.014	12.618	-0.008	12.638	-0.008	12.660	-0.008	12.694	-0.009	12.729	-0.009	
5.929	0.014	5.966	-0.006	6.005	-0.017	6.045	-0.022	12.716	-0.009	12.753	-0.009	12.789	-0.009	12.845	-0.010	12.891	-0.010	
6.171	-0.012	6.211	-0.012	6.278	-0.002	6.323	0.013	12.873	-0.005	12.918	-0.005	12.955	-0.005	13.002	-0.010	13.049	-0.010	
6.260	-0.017	6.314	-0.023	6.356	-0.018	6.393	-0.013	13.045	-0.010	13.093	-0.011	13.129	-0.011	13.166	-0.011	13.204	-0.011	
6.424	-0.013	6.463	-0.013	6.506	-0.013	6.537	-0.013	13.203	-0.011	13.231	-0.011	13.268	-0.011	13.313	-0.011	13.358	-0.011	

13.355	-0.011	13.401	-0.011	13.437	-0.011	13.477	-0.006
13.508	-0.006	13.528	-0.006	13.556	-0.006	13.576	-0.006
13.596	-0.006	13.642	-0.006	13.701	0.004	13.738	0.004
13.781	-0.001	13.824	-0.006	13.861	-0.006	13.909	-0.006
13.952	-0.006	13.989	-0.006	14.029	-0.011	14.062	-0.016
14.108	-0.016	14.145	-0.016	14.178	-0.016	14.198	-0.016
14.249	-0.016	14.280	-0.016	14.328	-0.016	14.374	-0.001
14.416	-0.001	14.475	-0.001	14.522	-0.001	14.573	-0.001
14.618	-0.001	14.665	-0.001	14.715	-0.002	14.759	-0.002
14.807	-0.002	14.840	-0.002	14.873	-0.002	14.929	-0.002
14.976	-0.002	15.007	-0.002	15.032	-0.002	15.071	-0.002
15.121	-0.002	15.168	-0.003	15.193	-0.003	15.221	-0.003
15.238	-0.003	15.271	-0.003	15.324	-0.003	15.380	-0.003
15.430	-0.008	15.477	-0.008	15.517	-0.009	15.531	-0.009
15.565	-0.009	15.607	-0.009	15.644	-0.009		

459 PINTS 15.624 SECONDS

SCALEC DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0306 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.076	0.038	0.076	0.073	0.070	0.081	0.045	4.491	-0.029	4.509	0.012	4.535	0.037	4.570	0.042
0.105	0.023	0.131	0.002	0.163	0.033	0.180	0.059	4.600	0.015	4.617	-0.006	4.643	-0.043	4.667	-0.059
0.209	0.074	0.233	0.084	0.259	0.043	0.279	0.043	4.684	-0.059	4.710	-0.034	4.743	-0.008	4.772	-0.012
0.300	0.037	0.326	0.021	0.349	0.006	0.372	-0.010	4.813	-0.032	4.839	0.016	4.854	-0.011	4.874	-0.032
0.395	0.010	0.415	0.031	0.445	0.051	0.468	0.098	4.929	-0.038	4.956	-0.007	4.999	0.018	5.023	0.022
0.454	0.139	0.529	0.134	0.555	0.108	0.582	0.076	5.048	-0.009	5.073	0.035	5.096	-0.051	5.123	-0.041
0.597	0.055	0.617	0.029	0.629	0.014	0.652	0.024	5.159	-0.026	5.208	0.009	5.242	-0.002	5.279	-0.008
0.581	0.034	0.599	0.045	0.728	0.075	0.757	0.085	5.311	-0.024	5.342	-0.029	5.393	-0.009	5.428	0.006
0.781	0.053	0.795	0.027	0.818	0.0	0.839	0.0	5.476	0.005	5.505	-0.016	5.541	-0.048	5.586	-0.028
0.871	0.014	0.900	0.045	0.912	0.070	0.938	0.106	5.625	-0.012	5.673	-0.008	5.710	-0.023	5.763	-0.029
0.967	0.090	0.991	0.079	1.014	0.062	1.019	0.036	5.797	-0.029	5.819	-0.014	5.856	-0.014	5.899	-0.029
1.039	0.010	1.062	-0.006	1.085	0.004	1.119	0.034	5.923	-0.030	5.951	-0.030	5.979	-0.030	5.996	-0.035
1.145	0.085	1.168	0.131	1.202	0.156	1.220	0.104	6.036	-0.030	6.070	-0.030	6.104	-0.030	6.137	-0.019
1.234	0.036	1.248	-0.016	1.260	-0.053	1.282	-0.089	6.191	-0.019	6.225	-0.019	6.262	-0.003	6.296	-0.003
1.302	-0.043	1.323	0.065	1.337	0.065	1.351	0.101	6.322	-0.019	6.350	-0.029	6.384	-0.034	6.418	-0.034
1.380	0.126	1.403	0.125	1.426	0.094	1.448	0.052	6.466	-0.013	6.483	-0.008	6.532	-0.018	6.566	-0.029
1.474	0.020	1.488	0.004	1.517	-0.012	1.563	0.013	6.575	-0.034	6.615	-0.024	6.643	-0.018	6.684	-0.008
1.512	0.065	1.546	0.080	1.581	0.069	1.704	0.006	6.715	-0.018	6.750	-0.029	6.784	-0.039	6.821	-0.039
1.730	-0.035	1.747	-0.041	1.773	0.031	1.796	0.073	6.867	-0.018	6.919	-0.013	6.945	-0.008	6.968	-0.008
1.830	0.103	1.844	0.103	1.862	0.066	1.887	0.040	6.996	-0.008	7.025	-0.008	7.068	-0.008	7.105	-0.008
1.910	0.019	1.965	0.023	2.006	0.043	2.050	0.032	7.153	-0.008	7.204	-0.009	7.253	-0.009	7.301	-0.010
2.094	0.021	2.141	0.035	2.188	0.050	2.239	0.064	7.352	-0.015	7.375	-0.021	7.404	-0.021	7.446	-0.022
2.271	0.064	2.306	0.037	2.330	0.011	2.368	0.005	7.483	-0.022	7.520	-0.022	7.572	-0.023	7.620	-0.023
2.407	0.016	2.436	0.044	2.472	0.033	2.495	0.022	7.670	-0.024	7.703	-0.024	7.745	-0.025	7.797	-0.025
2.521	0.024	2.556	0.041	2.597	0.056	2.635	0.044	7.828	-0.005	7.881	0.0	7.908	-0.016	7.936	-0.022
2.676	0.022	2.720	0.016	2.763	0.015	2.804	0.040	7.995	-0.022	8.030	-0.028	8.058	-0.023	8.077	-0.023
2.839	0.039	2.862	0.023	2.897	0.011	2.930	0.005	8.094	-0.023	8.113	-0.023	8.141	-0.018	8.182	-0.014
2.962	0.005	2.996	0.009	3.030	0.019	3.047	0.034	8.223	-0.024	8.267	-0.019	8.314	-0.014	8.355	-0.014
3.090	0.033	3.124	0.011	3.147	0.011	3.195	0.040	8.385	-0.024	8.413	-0.019	8.455	-0.019	8.479	-0.019
3.235	0.065	3.258	0.080	3.278	0.004	3.298	0.022	8.527	-0.019	8.577	-0.025	8.625	-0.015	8.664	-0.015
3.321	-0.014	3.360	-0.036	3.400	0.004	3.440	0.029	8.698	-0.020	8.723	-0.020	8.757	-0.020	8.793	-0.020
3.474	0.039	3.519	0.022	3.542	-0.010	3.570	-0.026	8.827	-0.020	8.869	-0.020	8.911	-0.026	8.944	-0.026
3.501	-0.001	3.623	0.030	3.654	0.044	3.668	0.054	8.978	-0.016	9.014	-0.016	9.028	-0.016	9.077	-0.016
3.702	0.022	3.725	0.001	3.756	-0.015	3.784	-0.016	9.122	-0.016	9.155	-0.016	9.180	-0.016	9.213	-0.016
3.806	-0.017	3.834	-0.002	3.851	0.018	3.868	0.035	9.246	-0.017	9.268	-0.017	9.293	-0.017	9.321	-0.017
3.888	0.054	3.910	0.053	3.927	0.037	3.950	0.005	9.348	-0.017	9.387	-0.017	9.423	-0.012	9.464	-0.013
3.969	-0.021	3.992	-0.037	4.018	-0.017	4.061	0.018	9.492	-0.013	9.528	-0.023	9.555	-0.024	9.566	-0.024
4.101	0.038	4.127	0.006	4.164	-0.031	4.204	-0.032	9.602	-0.013	9.636	-0.008	9.674	-0.013	9.699	-0.019
4.247	-0.018	4.282	0.017	4.316	0.037	4.342	0.034	9.727	-0.019	9.749	-0.014	9.779	-0.014	9.813	-0.014
4.365	0.015	4.395	-0.011	4.402	-0.043	4.443	0.054	9.829	-0.015	9.876	-0.015	9.921	-0.014	9.962	-0.019

10.034	-0.020	10.082	-0.020	10.141	-0.020	10.200	-0.020
10.250	-0.020	10.300	-0.020	10.362	-0.020	10.427	-0.020
10.477	-0.009	10.518	-0.020	10.566	-0.035	10.592	-0.025
10.634	-0.009	10.676	-0.007	10.711	-0.004	10.741	-0.019
10.751	-0.034	10.836	-0.019	10.874	-0.003	10.922	0.002
10.955	-0.002	10.993	-0.013	11.030	-0.039	11.075	-0.018
11.118	-0.002	11.138	-0.003	11.186	-0.018	11.224	-0.023
11.263	-0.028	11.286	-0.012	11.312	0.004	11.357	-0.001
11.417	-0.017	11.457	-0.022	11.494	-0.021	11.551	-0.011
11.587	-0.011	11.635	-0.010	11.666	-0.026	11.697	-0.026
11.740	0.0	11.768	-0.006	11.799	0.0	11.842	-0.005
11.878	-0.015	11.915	-0.020	11.946	-0.010	11.991	0.001
12.028	0.011	12.073	-0.009	12.118	-0.015	12.160	-0.004
12.185	0.001	12.216	-0.001	12.238	-0.005	12.295	-0.005
12.342	-0.005	12.384	0.0	12.421	0.0	12.460	0.0
12.508	-0.016	12.544	-0.026	12.570	-0.016	12.601	-0.006
12.640	-0.001	12.660	0.005	12.695	-0.011	12.760	-0.012
12.757	-0.012	12.822	-0.004	12.856	0.003	12.909	-0.002
12.948	-0.007	12.988	-0.013	13.036	-0.003	13.084	0.002
13.126	-0.003	13.163	-0.019	13.202	-0.013	13.245	-0.008
13.253	0.002	13.338	-0.003	13.369	-0.014	13.400	-0.014
13.454	-0.014	13.508	-0.004	13.547	0.001	13.579	-0.004
13.610	-0.004	13.650	-0.009	13.678	-0.004	13.730	-0.004
13.775	-0.004	13.818	-0.004	13.852	-0.004	13.889	-0.004
13.923	-0.004	13.957	-0.004	14.011	-0.004	14.056	-0.004
14.119	-0.004	14.158	-0.004	14.189	-0.004	14.226	-0.014
14.260	-0.014	14.300	-0.014	14.319	-0.014	14.353	-0.004
14.384	0.006	14.441	0.001	14.495	-0.009	14.531	-0.009
14.570	0.001	14.600	0.001	14.639	0.001	14.678	-0.004
14.720	-0.004	14.761	-0.004	14.811	0.002	14.867	0.002
14.920	0.002	14.964	0.002	14.986	0.002	15.031	-0.003
15.084	-0.003	15.137	-0.003	15.190	-0.003	15.231	-0.002
15.268	-0.002	15.284	-0.002	15.329	-0.002	15.362	-0.002
15.356	-0.002	15.418	-0.002	15.451	-0.002	15.488	-0.002
15.533	-0.002	15.576	-0.002	15.624	0.004		

57.017. 3/22/57 1515PST ALEXANDER BLDG., 16TH FL., SAN FRANCISCO, CAL. S09E

708 POINTS 30.844 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0416 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.073	0.066	-0.158	0.099	-0.168	0.153	-0.053	6.521	-0.074	6.566	-0.054	6.612	-0.024	6.663	0.011	6.702	0.051	6.750	0.056
0.198	0.143	0.237	0.293	0.282	0.369	0.318	0.293	6.702	0.051	6.750	0.056	6.795	0.031	6.834	0.005	6.892	-0.010	6.940	-0.026
0.345	0.157	0.381	-0.074	0.411	-0.194	0.432	-0.249	6.892	-0.010	6.940	-0.026	6.985	-0.031	7.030	-0.031	7.074	-0.012	7.107	-0.012
0.465	0.285	0.498	-0.244	0.522	-0.214	0.546	-0.124	7.074	-0.012	7.107	-0.012	7.152	-0.048	7.214	0.053	7.265	-0.017	7.310	-0.023
0.585	-0.009	0.616	0.071	0.643	0.142	0.676	0.187	7.265	-0.017	7.310	-0.023	7.346	-0.069	7.393	-0.089	7.426	-0.049	7.468	-0.023
0.715	0.121	0.742	0.051	0.778	0.014	0.814	-0.065	7.426	-0.049	7.468	-0.023	7.509	-0.005	7.557	0.010	7.604	-0.004	7.663	-0.021
0.841	0.095	0.871	-0.120	0.911	-0.150	0.968	-0.161	7.604	-0.004	7.663	-0.021	7.710	-0.047	7.760	-0.062	7.802	-0.057	7.858	-0.037
1.010	-0.111	1.049	-0.046	1.089	0.049	1.128	0.165	7.802	-0.057	7.858	-0.037	7.896	-0.007	7.938	0.013	7.979	0.008	8.047	0.003
1.167	0.255	1.237	0.085	1.276	-0.072	1.319	-0.127	7.979	0.008	8.047	0.003	8.084	-0.023	8.127	-0.023	8.170	-0.003	8.211	-0.023
1.358	-0.082	1.403	-0.047	1.440	-0.022	1.494	-0.022	8.127	-0.003	8.170	-0.003	8.211	-0.023	8.247	-0.023	8.288	-0.003	8.326	0.018
1.530	-0.007	1.576	0.007	1.609	0.023	1.639	0.064	8.288	-0.003	8.326	0.018	8.361	-0.027	8.394	-0.038	8.429	0.033	8.467	0.018
1.676	0.059	1.706	0.003	1.730	-0.022	1.757	-0.042	8.429	0.033	8.467	0.018	8.511	-0.002	8.549	-0.007	8.584	-0.012	8.616	-0.012
1.791	-0.047	1.827	-0.012	1.863	0.019	1.890	0.044	8.584	-0.012	8.616	-0.012	8.646	0.003	8.669	0.003	8.710	0.013	8.757	0.013
1.924	0.054	1.951	0.064	1.993	0.019	2.029	-0.021	8.710	0.013	8.757	0.013	8.786	-0.051	8.826	-0.061	8.868	-0.016	8.920	-0.031
2.057	-0.061	2.081	-0.106	2.108	-0.151	2.141	-0.166	8.868	-0.016	8.920	-0.031	9.076	-0.005	9.129	0.0	9.191	-0.005	9.241	0.001
2.177	-0.141	2.210	-0.096	2.237	-0.061	2.270	-0.005	9.076	-0.005	9.129	0.0	9.191	-0.005	9.241	0.001	9.306	0.021	9.359	0.016
2.2304	0.045	2.2337	0.070	2.2373	0.095	2.2400	0.115	9.306	0.021	9.359	0.016	9.412	0.021	9.465	0.026	9.524	0.032	9.569	0.032
2.2436	0.105	2.2466	0.030	2.2502	-0.015	2.2538	0.076	9.524	0.032	9.569	0.032	9.625	0.037	9.669	0.017	9.711	0.022	9.761	0.012
2.2586	-0.131	2.2625	-0.096	2.2660	-0.046	2.2693	0.010	9.711	0.022	9.761	0.012	9.788	-0.012	9.829	-0.003	9.862	-0.003	9.921	0.003
2.2723	0.055	2.2780	0.100	2.2825	0.075	2													

13.926	0.006	13.972	0.006	14.025	0.001	14.078	0.016	22.906	-0.016	22.957	-0.011	23.017	0.004	23.062	0.009
14.137	0.015	14.184	0.0	14.225	0.0	14.267	-0.006	23.111	0.004	23.162	-0.004	23.213	-0.002	23.262	0.003
14.343	-0.001	14.381	0.003	14.425	0.018	14.461	0.023	23.327	-0.002	23.384	-0.002	23.426	0.013	23.471	0.023
14.490	0.022	14.531	0.017	14.567	0.017	14.596	0.026	23.513	0.018	23.558	0.003	23.606	-0.002	23.660	0.018
14.629	0.026	14.676	0.020	14.711	0.005	14.748	0.020	23.711	0.023	23.747	-0.002	23.809	0.003	23.863	0.014
14.785	0.009	14.817	0.014	14.855	0.024	14.889	0.014	23.911	0.009	23.965	-0.001	24.022	0.004	24.058	0.004
14.923	0.013	14.961	0.008	14.991	0.008	15.020	0.008	24.103	0.004	24.151	0.009	24.193	0.004	24.244	0.020
15.073	-0.003	15.108	-0.003	15.143	-0.003	15.178	0.001	24.277	0.009	24.337	-0.001	24.391	-0.002	24.453	-0.002
15.156	0.006	15.237	0.006	15.275	0.011	15.307	0.010	24.502	-0.002	24.556	0.007	24.607	0.007	24.669	0.007
15.342	0.010	15.380	0.010	15.418	-0.005	15.453	-0.001	24.697	0.001	24.740	0.011	24.782	0.006	24.842	-0.005
15.492	-0.001	15.527	-0.006	15.556	-0.006	15.586	0.012	24.887	0.009	24.947	-0.007	25.005	0.018	25.047	0.017
15.618	0.003	15.651	-0.002	15.686	0.008	15.736	-0.003	25.101	0.001	25.164	-0.014	25.221	-0.015	25.284	-0.011
15.777	0.007	15.824	0.006	15.860	-0.004	15.898	0.009	25.329	-0.001	25.380	0.004	25.432	-0.011	25.477	-0.007
16.088	0.009	16.136	-0.002	16.175	0.013	16.211	-0.008	25.510	-0.007	25.563	-0.017	25.620	-0.027	25.665	-0.018
16.258	-0.008	16.291	-0.003	16.327	-0.003	16.351	-0.003	25.713	-0.013	25.752	-0.008	25.788	-0.013	25.847	-0.018
16.350	0.007	16.423	0.007	16.444	0.007	16.483	0.012	25.895	0.001	25.931	0.011	25.982	0.011	26.026	-0.009
16.521	0.016	16.577	0.001	16.622	-0.009	16.660	0.001	26.065	-0.010	26.113	-0.005	26.154	-0.005	26.210	-0.005
16.711	-0.004	16.752	-0.004	16.782	-0.004	16.817	0.011	26.255	0.005	26.335	-0.001	26.386	-0.001	26.463	-0.007
16.853	0.011	16.888	0.001	16.938	0.016	16.986	-0.004	26.504	-0.027	26.561	0.007	26.597	-0.018	26.641	-0.003
17.030	0.007	17.062	0.007	17.095	-0.003	17.124	-0.003	26.689	-0.019	26.734	-0.029	26.787	-0.024	26.850	-0.015
17.166	-0.003	17.207	0.002	17.242	-0.008	17.284	0.002	26.907	-0.020	26.975	-0.010	27.038	0.005	27.086	0.005
17.319	-0.003	17.357	-0.003	17.390	0.007	17.413	0.012	27.125	-0.010	27.179	-0.010	27.233	-0.015	27.284	-0.015
17.443	0.002	17.487	0.002	17.520	-0.004	17.551	-0.004	27.338	-0.005	27.377	-0.015	27.425	-0.005	27.461	-0.015
17.593	0.001	17.629	0.001	17.680	0.016	17.717	0.016	27.509	0.0	27.551	-0.005	27.587	-0.015	27.617	-0.015
17.759	0.011	17.813	0.011	17.852	0.001	17.901	0.005	27.673	-0.021	27.712	-0.031	27.754	-0.025	27.781	-0.010
17.946	-0.005	17.982	-0.005	18.009	0.0	18.036	-0.005	27.829	0.0	27.880	0.0	27.930	-0.010	27.963	-0.010
18.070	-0.005	18.106	0.010	18.136	-0.005	18.160	0.0	28.035	-0.020	28.081	-0.005	28.123	-0.015	28.168	0.006
18.203	0.005	18.236	-0.010	18.266	-0.010	18.299	-0.006	28.210	0.006	28.252	0.001	28.301	0.001	28.346	-0.003
18.329	-0.001	18.357	-0.006	18.396	-0.006	18.444	-0.001	28.415	-0.023	28.466	-0.017	28.518	0.004	28.569	0.004
18.458	0.004	18.541	-0.001	18.586	-0.006	18.655	0.004	28.612	0.010	28.673	-0.010	28.721	-0.014	28.782	-0.024
18.685	-0.007	18.733	-0.007	18.775	-0.007	18.817	-0.002	28.840	-0.003	28.898	-0.008	28.974	-0.007	29.034	0.009
18.859	-0.002	18.889	-0.012	18.925	0.003	18.970	-0.007	29.083	0.019	29.110	-0.001	29.161	-0.005	29.207	0.0
19.018	-0.007	19.067	-0.007	19.113	-0.022	19.155	-0.017	29.252	0.006	29.303	0.0	29.349	0.010	29.394	-0.005
19.201	-0.007	19.253	-0.002	19.295	-0.006	19.322	0.005	29.437	0.009	29.482	0.014	29.524	0.009	29.569	0.003
19.362	-0.016	19.420	-0.010	19.459	0.0	19.508	-0.010	29.620	0.003	29.686	0.008	29.743	0.007	29.803	0.002
19.556	-0.014	19.601	-0.009	19.647	-0.009	19.695	0.012	29.857	0.001	29.899	0.006	29.953	0.006	30.002	0.005
19.734	0.007	19.777	0.007	19.810	-0.003	19.840	0.013	30.056	-0.005	30.096	-0.005	30.138	0.004	30.171	-0.011
19.867	0.013	19.903	0.008	19.940	-0.002	19.979	-0.002	30.211	-0.006	30.247	-0.002	30.299	-0.011	30.341	-0.001
20.020	-0.002	20.059	-0.001	20.088	-0.001	20.118	0.014	30.393	0.0	30.444	-0.010	30.487	-0.009	30.523	-0.004
20.174	0.019	20.209	0.019	20.250	0.010	20.303	0.020	30.566	-0.003	30.624	-0.008	30.655	-0.007	30.695	-0.007
20.348	-0.006	20.389	0.004	20.433	0.009	20.480	0.004	30.747	-0.011	30.783	0.004	30.805	0.004	30.844	0.005
20.530	0.004	20.589	0.004	20.655	0.009	20.712	0.008								
20.756	0.008	20.812	0.003	20.847	0.003	20.879	0.003								
20.914	-0.008	20.979	0.017	21.026	0.017	21.080	0.012								
21.142	0.016	21.189	0.011	21.233	0.011	21.287	0.016								
21.322	0.005	21.370	0.010	21.426	-0.005	21.473	0.009								
21.518	-0.001	21.556	0.004	21.592	0.003	21.643	-0.002								
21.676	-0.002	21.720	0.002	21.774	0.002	21.807	-0.003								
21.831	0.007	21.858	0.007	21.893	0.011	21.923	0.006								
21.959	0.011	21.998	0.011	22.033	0.006	22.066	0.011								
22.053	-0.020	22.132	-0.010	22.168	0.0	22.215	0.0								
22.254	0.010	22.284	0.010	22.334	0.0	22.367	0.005								
22.406	-0.010	22.442	0.0	22.489	0.005	22.534	0.015								
22.588	0.005	22.624	0.005	22.666	0.010	22.711	0.010								
22.753	0.020	22.785	-0.001	22.822	-0.011	22.861	0.004								

1175 POINTS 30.884 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED
AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE,
AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE,
WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0557 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.015	0.009	-0.026	0.027	-0.041	0.045	-0.031	3.230	-0.029	3.251	0.028	3.269	0.080	3.287	0.110		
0.069	-0.010	0.084	0.021	0.099	0.062	0.120	0.109	3.314	0.136	3.332	0.136	3.356	0.130	3.383	0.104		
0.138	0.145	0.165	0.186	0.183	0.222	0.207	0.238	3.407	0.067	3.419	0.031	3.436	-0.011	3.457	-0.048		
0.222	0.233	0.237	0.186	0.252	0.098	0.267	-0.011	3.472	-0.074	3.499	-0.079	3.520	-0.069	3.550	-0.039		
0.288	-0.208	0.303	-0.338	0.315	-0.385	0.333	-0.400	3.571	-0.013	3.601	0.002	3.634	-0.009	3.652	0.001		
0.348	-0.416	0.381	-0.349	0.393	-0.240	0.408	-0.400	3.682	0.011	3.712	0.021	3.748	0.021	3.784	0.036		
0.420	-0.017	0.435	0.061	0.450	0.138	0.468	0.200	3.811	0.040	3.826	0.045	3.855	0.045	3.873	0.050		
0.492	0.190	0.507	0.153	0.531	0.117	0.549	0.086	3.903	0.029	3.930	-0.007	3.945	-0.038	3.975	-0.054		
0.567	0.050	0.591	0.029	0.622	0.044	0.640	0.054	3.990	-0.064	4.026	-0.064	4.049	-0.064	4.073	-0.064		
0.667	0.101	0.682	0.147	0.706	0.168	0.727	0.142	4.091	-0.059	4.109	-0.049	4.135	-0.038	4.162	-0.002		
0.745	0.095	0.766	-0.008	0.784	-0.128	0.802	-0.226	4.180	0.024	4.206	0.039	4.236	0.060	4.275	0.076		
0.817	-0.309	0.838	-0.345	0.865	-0.346	0.886	-0.294	4.298	0.081	4.322	0.081	4.343	0.055	4.366	0.014		
0.901	-0.211	0.920	-0.144	0.938	-0.014	0.953	0.064	4.390	-0.023	4.411	-0.049	4.443	-0.075	4.464	-0.075		
0.974	0.136	0.992	0.188	1.019	0.203	1.046	0.209	4.488	0.065	4.512	0.050	4.532	-0.024	4.556	-0.009		
1.071	0.209	1.095	0.193	1.140	0.167	1.164	0.136	4.588	0.007	4.621	0.011	4.653	0.022	4.689	0.032		
1.189	0.095	1.210	0.022	1.228	-0.030	1.249	-0.133	4.715	0.037	4.748	0.021	4.777	0.020	4.798	0.005		
1.267	-0.221	1.303	-0.335	1.325	-0.361	1.337	-0.335	4.828	-0.011	4.851	-0.037	4.878	-0.058	4.910	-0.079		
1.358	-0.278	1.376	-0.211	1.397	-0.118	1.412	-0.014	4.928	-0.059	4.949	-0.043	4.972	-0.007	5.005	0.024		
1.428	0.069	1.446	0.178	1.470	0.255	1.494	0.271	5.032	0.060	5.064	0.070	5.091	0.054	5.127	0.023		
1.509	0.235	1.527	0.172	1.543	0.115	1.555	0.074	5.154	0.002	5.177	-0.009	5.204	-0.030	5.231	-0.035		
1.579	0.038	1.600	0.043	1.624	0.053	1.642	0.053	5.252	-0.035	5.269	-0.025	5.302	-0.026	5.341	-0.036		
1.667	0.032	1.691	-0.004	1.709	-0.030	1.727	-0.082	5.365	-0.047	5.397	-0.036	5.424	-0.026	5.445	0.005		
1.748	-0.123	1.766	-0.164	1.785	-0.180	1.806	-0.170	5.475	0.041	5.498	0.067	5.525	0.072	5.552	0.056		
1.821	-0.159	1.839	-0.097	1.854	-0.061	1.878	-0.009	5.579	0.030	5.602	-0.017	5.626	-0.032	5.650	-0.053		
1.894	0.017	1.909	0.058	1.927	0.084	1.936	0.110	5.674	-0.074	5.700	-0.084	5.730	-0.085	5.748	-0.069		
1.954	0.146	1.969	0.183	1.981	0.203	1.999	0.198	5.781	-0.059	5.816	-0.043	5.849	-0.023	5.876	-0.013		
2.017	0.162	2.038	0.131	2.057	0.095	2.072	0.064	5.900	0.013	5.938	0.034	5.962	0.044	5.995	0.059		
2.090	0.032	2.126	-0.015	2.144	-0.066	2.168	-0.092	6.028	0.049	6.054	0.028	6.093	-0.009	6.132	-0.050		
2.180	-0.113	2.195	-0.133	2.207	-0.144	2.222	-0.144	6.165	-0.077	6.189	-0.071	6.222	-0.046	6.252	-0.030		
2.234	-0.149	2.255	-0.139	2.273	-0.123	2.282	-0.113	6.285	-0.005	6.321	0.026	6.344	0.011	6.365	0.010		
2.310	-0.071	2.331	-0.009	2.355	0.027	2.373	0.064	6.392	0.010	6.428	-0.011	6.452	-0.011	6.473	0.005		
2.388	0.100	2.409	0.126	2.427	0.152	2.448	0.167	6.457	0.010	6.518	0.004	6.542	-0.006	6.578	-0.037		
2.463	0.167	2.484	0.141	2.508	0.089	2.529	0.043	6.609	-0.053	6.642	-0.033	6.669	-0.048	6.695	-0.028		
2.553	-0.025	2.568	-0.066	2.595	-0.139	2.619	-0.185	6.723	-0.018	6.759	-0.002	6.783	0.003	6.801	0.002		
2.642	-0.201	2.654	-0.206	2.675	-0.180	2.696	-0.144	6.831	0.002	6.859	-0.029	6.886	0.030	6.910	-0.030		
2.714	-0.087	2.735	-0.019	2.756	0.037	2.774	0.105	6.925	-0.030	6.949	-0.025	6.982	-0.020	7.012	-0.005		
2.798	0.151	2.819	0.151	2.842	0.151	2.866	0.130	7.030	-0.010	7.051	-0.011	7.080	-0.006	7.110	-0.011		
2.890	0.099	2.920	0.068	2.944	0.052	2.971	0.037	7.143	-0.022	7.179	-0.017	7.200	-0.017	7.214	-0.017		
2.998	0.016	3.030	-0.021	3.060	-0.073	3.090	-0.104	7.235	-0.012	7.262	-0.017	7.286	-0.018	7.310	-0.018		
3.117	-0.136	3.150	-0.147	3.177	-0.137	3.207	-0.106	7.340	-0.028	7.364	-0.033	7.384	-0.033	7.408	-0.018		

7.429	-0.013	7.456	0.008	7.480	0.023	7.500	0.028	13.926	-0.018	13.961	-0.002	13.984	-0.003	14.028	0.008
7.512	0.028	7.539	0.023	7.568	0.008	7.595	-0.013	14.075	0.023	14.114	0.028	14.149	0.028	14.175	0.017
7.625	-0.018	7.657	-0.023	7.681	-0.023	7.707	-0.018	14.214	0.002	14.240	-0.014	14.275	-0.019	14.311	-0.025
7.754	-0.023	7.784	-0.033	7.808	-0.043	7.831	-0.043	14.343	-0.025	14.384	-0.035	14.411	-0.035	14.446	-0.015
7.867	-0.033	7.890	-0.012	7.914	0.009	7.938	0.029	14.475	-0.010	14.520	0.006	14.552	0.021	14.584	0.021
7.961	0.040	7.985	0.040	8.003	0.035	8.032	0.015	14.620	0.005	14.658	-0.005	14.684	-0.021	14.711	-0.031
8.053	-0.001	8.073	-0.032	8.103	-0.058	8.123	-0.079	14.746	-0.031	14.773	-0.031	14.793	-0.026	14.820	-0.016
8.144	-0.074	8.173	-0.064	8.191	-0.048	8.220	-0.017	14.844	-0.005	14.888	0.005	14.914	0.010	14.950	0.010
8.244	-0.012	8.270	-0.002	8.300	0.009	8.338	0.014	14.973	0.010	15.005	0.010	15.032	0.016	15.058	0.016
8.367	0.029	8.397	0.024	8.423	0.024	8.455	0.029	15.082	0.016	15.114	0.016	15.143	0.010	15.175	-0.005
8.482	0.014	8.505	0.014	8.520	0.014	8.540	-0.002	15.205	-0.005	15.231	-0.016	15.260	0.0	15.292	0.005
8.561	-0.012	8.587	-0.038	8.619	-0.038	8.646	-0.033	15.325	0.021	15.348	0.021	15.371	0.016	15.404	0.016
8.684	-0.023	8.716	-0.013	8.733	0.008	8.760	0.018	15.439	0.016	15.477	0.005	15.503	0.0	15.542	-0.005
8.780	0.024	8.807	0.018	8.818	0.008	8.845	0.008	15.562	-0.005	15.589	-0.005	15.615	-0.005	15.651	-0.005
8.868	0.003	8.891	-0.018	8.921	-0.023	8.947	-0.023	15.668	-0.005	15.686	-0.005	15.710	-0.005	15.724	-0.005
8.976	-0.034	9.008	-0.039	9.032	-0.044	9.056	-0.049	15.751	-0.005	15.777	0.005	15.795	0.005	15.816	0.005
9.109	-0.034	9.129	-0.013	9.159	0.007	9.195	0.007	15.842	0.0	15.863	0.0	15.874	0.0	15.892	0.0
9.209	0.023	9.232	0.033	9.252	0.033	9.277	0.017	15.916	0.0	15.933	-0.005	15.960	-0.005	15.975	-0.010
9.279	0.017	9.303	0.007	9.341	0.001	9.374	-0.020	15.995	-0.010	16.010	-0.010	16.031	-0.010	16.055	-0.005
9.406	-0.025	9.430	-0.036	9.462	-0.020	9.503	-0.005	16.076	-0.005	16.103	0.005	16.130	0.010	16.154	0.015
9.536	0.016	9.563	0.015	9.585	0.010	9.622	0.015	16.166	0.015	16.190	0.015	16.211	0.005	16.232	0.005
9.649	0.025	9.675	0.025	9.702	0.020	9.732	0.005	16.247	-0.006	16.261	-0.006	16.282	-0.016	16.303	-0.016
9.764	-0.012	9.809	-0.022	9.823	-0.038	9.850	-0.038	16.318	0.0	16.333	0.0	16.363	-0.001	16.384	-0.001
9.883	-0.038	9.906	-0.033	9.939	-0.018	9.972	-0.003	16.402	0.010	16.426	0.010	16.444	0.010	16.459	0.010
10.010	0.012	10.037	0.022	10.054	0.027	10.093	0.027	16.486	0.010	16.509	0.010	16.533	0.010	16.557	0.010
10.131	0.021	10.164	0.005	10.202	-0.011	10.238	-0.011	16.577	0.009	16.613	0.005	16.634	0.004	16.650	0.004
10.261	-0.032	10.297	-0.032	10.329	-0.012	10.356	-0.012	16.678	-0.001	16.699	-0.001	16.719	-0.001	16.746	-0.001
10.397	-0.002	10.430	0.008	10.459	0.013	10.489	0.023	16.761	-0.001	16.805	-0.001	16.832	-0.001	16.864	0.009
10.521	0.028	10.553	0.023	10.568	0.013	10.589	0.007	16.888	0.025	16.924	0.025	16.944	0.025	16.950	0.019
10.624	-0.014	10.651	-0.029	10.668	-0.035	10.695	-0.050	16.974	0.009	16.994	0.004	17.027	0.004	17.051	-0.001
10.724	-0.050	10.751	-0.045	10.771	-0.035	10.798	-0.025	17.077	-0.006	17.095	-0.001	17.118	-0.001	17.145	-0.001
10.824	-0.009	10.848	0.006	10.877	0.017	10.907	0.017	17.157	-0.001	17.171	-0.001	17.192	-0.001	17.219	-0.012
10.936	0.017	10.969	0.016	10.992	0.027	11.025	0.027	17.242	-0.012	17.263	-0.012	17.278	-0.006	17.292	-0.006
11.052	0.025	11.075	0.027	11.102	0.011	11.135	-0.010	17.316	-0.001	17.334	0.004	17.360	0.004	17.384	0.004
11.161	-0.025	11.194	-0.025	11.232	-0.031	11.256	-0.020	17.407	-0.001	17.428	0.006	17.452	-0.007	17.469	-0.007
11.286	0.0	11.303	0.011	11.333	0.047	11.357	0.052	17.496	-0.012	17.514	-0.012	17.539	-0.012	17.554	-0.012
11.383	0.042	11.415	0.026	11.455	0.016	11.483	-0.010	17.572	-0.012	17.587	-0.012	17.602	-0.007	17.623	-0.002
11.529	-0.015	11.555	-0.026	11.585	-0.031	11.615	-0.036	17.647	-0.002	17.668	-0.002	17.692	-0.002	17.714	-0.002
11.650	-0.042	11.685	-0.042	11.707	-0.047	11.748	-0.026	17.729	0.003	17.750	0.008	17.774	0.008	17.795	0.013
11.778	-0.026	11.814	0.0	11.846	0.020	11.870	0.036	17.816	0.013	17.831	0.013	17.861	0.013	17.885	0.013
11.897	0.041	11.932	0.025	11.956	0.015	11.986	-0.011	17.910	0.013	17.928	0.013	17.958	0.013	17.982	0.002
12.015	-0.021	12.050	-0.032	12.080	-0.022	12.106	-0.016	18.009	0.002	18.030	0.007	18.061	0.013	18.073	0.013
12.127	-0.016	12.162	-0.022	12.198	-0.027	12.221	-0.017	18.094	0.012	18.115	0.023	18.145	0.023	18.175	0.023
12.251	0.004	12.295	0.025	12.321	0.040	12.342	0.056	18.190	0.023	18.215	0.023	18.236	0.017	18.263	0.012
12.369	0.066	12.395	0.071	12.422	0.045	12.448	0.019	18.278	0.007	18.299	0.007	18.332	0.007	18.360	0.007
12.475	-0.002	12.507	-0.017	12.531	-0.017	12.567	0.023	18.372	0.001	18.405	-0.004	18.447	-0.004	18.477	-0.004
12.599	-0.012	12.626	-0.002	12.659	-0.002	12.685	0.008	18.501	-0.004	18.550	0.011	18.589	0.011	18.613	0.011
12.715	0.018	12.742	0.034	12.765	0.044	12.792	0.055	18.649	0.011	18.676	0.011	18.715	0.0	18.742	0.005
12.819	0.068	12.843	0.065	12.863	0.044	12.896	0.018	18.769	0.005	18.793	-0.021	18.817	-0.006	18.850	-0.006
12.934	-0.008	12.967	-0.040	13.009	-0.066	13.041	-0.055	18.877	-0.006	18.904	-0.006	18.934	-0.006	18.961	-0.009
13.080	-0.035	13.109	-0.030	13.157	0.001	13.201	0.016	19.006	0.009	19.037	0.014	19.061	0.025	19.088	0.024
13.231	0.026	13.287	0.026	13.317	0.011	13.349	-0.005	19.116	0.009	19.137	0.014	19.152	0.009	19.180	0.009
13.403	-0.042	13.435	-0.052	13.471	-0.037	13.503	-0.016	19.216	0.008	19.249	0.008	19.280	0.013	19.313	0.013
13.541	-0.001	13.588	0.025	13.621	0.040	13.644	0.040	19.350	0.013	19.383	0.018	19.414	0.018	19.444	0.023
13.679	0.051	13.706	0.050	13.738	0.045	13.764	0.029	19.480	0.023	19.517	0.023	19.556	0.012	19.595	0.007
13.805	0.014	13.840	0.003	13.873	-0.023	13.911	-0.018	19.653	0.002	19.698	0.002	19.737	-0.004	19.783	-0.004

19.834	-0.004	19.888	-0.004	19.940	0.001	19.979	0.001	25.371	0.0	25.396	0.001	25.420	0.006	25.447	0.006
20.000	0.006	20.011	0.006	20.038	0.006	20.059	0.006	25.477	0.006	25.495	0.006	25.513	0.001	25.540	0.006
20.070	0.006	20.085	0.006	20.106	0.006	20.124	0.006	25.572	-0.004	25.593	-0.004	25.611	-0.004	25.632	-0.004
20.144	0.006	20.159	0.005	20.183	0.005	20.203	0.005	25.662	-0.004	25.683	-0.004	25.698	-0.004	25.719	-0.004
20.215	0.005	20.242	0.005	20.271	0.005	20.295	0.005	25.743	0.007	25.764	0.007	25.791	0.017	25.815	0.017
20.318	0.005	20.342	0.0	20.357	0.0	20.380	0.0	25.847	0.017	25.871	0.017	25.898	0.017	25.934	0.001
20.395	0.0	20.424	-0.001	20.436	0.005	20.442	0.005	25.967	0.001	26.000	-0.004	26.029	-0.004	26.056	-0.004
20.460	0.005	20.475	0.010	20.501	0.015	20.522	0.015	26.098	0.001	26.121	0.001	26.157	0.001	26.184	0.012
20.545	0.015	20.566	0.015	20.583	0.014	20.604	0.014	26.219	0.022	26.252	0.022	26.264	0.011	26.291	0.006
20.615	0.014	20.636	0.014	20.648	0.014	20.662	0.014	26.323	0.006	26.353	0.006	26.368	0.006	26.383	0.006
20.680	0.014	20.703	0.014	20.724	0.014	20.756	0.009	26.400	0.001	26.424	0.010	26.451	-0.005	26.472	-0.005
20.780	0.003	20.806	0.003	20.827	0.003	20.853	0.008	26.495	-0.005	26.516	-0.005	26.540	-0.005	26.561	-0.005
20.882	0.013	20.903	0.013	20.929	0.013	20.953	0.013	26.588	0.0	26.615	0.005	26.644	0.010	26.671	0.010
20.967	0.013	20.994	0.013	21.017	0.013	21.038	0.013	26.698	0.010	26.722	0.0	26.755	0.005	26.779	0.006
21.059	0.008	21.077	0.013	21.097	0.013	21.121	0.013	26.814	-0.011	26.853	-0.012	26.889	-0.012	26.916	-0.012
21.151	0.008	21.171	0.002	21.195	0.002	21.225	0.003	26.945	-0.012	26.978	-0.012	27.017	-0.002	27.044	-0.002
21.251	-0.008	21.275	-0.008	21.299	-0.008	21.313	-0.003	27.071	0.003	27.101	0.013	27.128	0.008	27.161	0.002
21.334	-0.003	21.349	0.007	21.373	0.007	21.393	0.007	27.185	0.002	27.218	-0.008	27.248	-0.003	27.278	-0.003
21.423	0.007	21.449	0.007	21.473	0.007	21.494	0.002	27.314	0.003	27.341	-0.003	27.368	0.002	27.392	0.002
21.518	0.002	21.536	0.002	21.545	0.002	21.559	0.002	27.419	0.001	27.446	0.001	27.461	0.001	27.476	0.001
21.583	0.002	21.598	0.002	21.607	0.002	21.625	0.002	27.506	0.002	27.524	0.007	27.542	0.007	27.566	0.007
21.640	0.002	21.667	0.001	21.688	-0.009	21.694	-0.009	27.584	0.007	27.614	0.007	27.640	0.007	27.667	0.002
21.714	-0.009	21.735	0.007	21.759	0.007	21.777	0.012	27.724	-0.003	27.772	-0.003	27.808	-0.003	27.844	-0.002
21.807	0.012	21.834	0.017	21.866	0.022	21.893	0.022	27.880	-0.002	27.921	-0.002	27.948	-0.002	27.990	-0.001
21.920	0.022	21.941	0.017	21.968	0.001	21.992	0.001	28.026	-0.001	28.063	-0.001	28.090	-0.001	28.129	-0.001
22.021	0.001	22.048	0.001	22.081	0.001	22.120	0.001	28.165	0.0	28.207	0.0	28.264	0.005	28.316	0.0
22.147	0.001	22.182	0.001	22.212	0.022	22.245	0.022	28.364	0.005	28.400	0.005	28.445	0.005	28.472	0.005
22.278	0.027	22.320	0.027	22.355	0.022	22.391	0.012	28.503	0.010	28.530	0.010	28.557	0.010	28.588	0.011
22.412	0.001	22.457	0.001	22.495	0.001	22.513	0.001	28.612	0.005	28.639	0.005	28.664	0.005	28.691	0.0
22.546	0.001	22.573	0.001	22.612	0.007	22.639	0.007	28.712	-0.005	28.749	-0.005	28.785	0.0	28.819	-0.001
22.660	0.012	22.681	0.012	22.708	0.007	22.741	0.007	28.870	0.004	28.907	0.004	28.952	0.009	28.992	0.009
22.774	0.001	22.804	0.007	22.825	0.001	22.837	-0.004	29.031	0.008	29.064	0.003	29.086	0.003	29.104	0.003
22.855	-0.004	22.870	-0.004	22.897	-0.004	22.924	-0.004	29.140	-0.003	29.161	-0.003	29.188	-0.013	29.225	-0.013
22.945	-0.004	22.978	0.007	23.014	0.012	23.044	0.012	29.249	-0.003	29.270	0.002	29.291	0.002	29.316	-0.003
23.068	0.007	23.102	0.007	23.126	0.001	23.150	0.007	29.340	-0.003	29.370	0.002	29.412	0.001	29.443	-0.009
23.165	0.012	23.192	0.012	23.213	0.001	23.237	0.001	29.473	-0.009	29.500	-0.004	29.536	-0.004	29.563	-0.004
23.258	0.007	23.285	0.006	23.306	0.006	23.324	0.006	29.587	-0.009	29.623	-0.015	29.644	-0.019	29.680	-0.014
23.363	0.011	23.387	0.017	23.405	0.017	23.435	0.022	29.707	-0.009	29.731	0.004	29.767	0.001	29.809	0.001
23.459	0.022	23.483	0.022	23.507	0.021	23.531	0.011	29.833	0.001	29.857	0.001	29.884	0.001	29.911	-0.004
23.558	0.011	23.582	0.006	23.600	0.006	23.630	0.0	29.941	-0.004	29.980	-0.004	30.017	-0.004	30.044	-0.004
23.657	0.0	23.684	0.006	23.714	0.005	23.738	0.005	30.090	-0.004	30.132	-0.014	30.171	0.001	30.208	0.001
23.767	0.0	23.797	-0.005	23.824	-0.005	23.848	-0.005	30.238	0.007	30.280	0.002	30.311	0.002	30.341	-0.003
23.890	0.005	23.914	-0.001	23.956	-0.011	24.007	-0.017	30.365	-0.003	30.396	-0.003	30.429	-0.003	30.462	-0.003
24.022	-0.011	24.061	-0.006	24.100	-0.001	24.142	-0.002	30.511	0.003	30.542	0.003	30.581	0.003	30.615	0.004
24.172	-0.002	24.202	-0.002	24.232	0.003	24.256	0.003	30.652	0.004	30.698	0.005	30.737	0.0	30.771	0.001
24.277	-0.002	24.301	0.003	24.316	0.003	24.328	0.003	30.808	0.001	30.844	-0.009	30.884	-0.004		
24.349	0.003	24.373	0.003	24.394	0.008	24.421	0.003								
24.432	-0.003	24.456	-0.003	24.468	-0.003	24.490	0.003								
24.520	0.008	24.553	0.008	24.574	0.013	24.598	0.008								
24.616	0.008	24.643	0.008	24.670	0.003	24.694	0.003								
24.721	0.003	24.745	0.003	24.770	0.003	24.797	0.003								
24.827	0.003	24.845	0.003	24.869	0.008	24.899	0.009								
24.923	0.004	24.947	0.004	24.971	0.019	25.002	0.009								
25.020	0.009	25.047	0.009	25.068	0.010	25.107	-0.001								
25.143	0.0	25.176	-0.011	25.206	-0.010	25.236	-0.005								
25.266	-0.005	25.296	0.0	25.323	0.0	25.344	0.0								

IV325

57.017. 3/22/57 1515PST ALEXANDER BLDG.-16TH FL., SAN FRANCISCO, CAL.

UP

957 POINTS 30.904 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0273 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.011	0.018	0.019	0.045	0.029	0.069	-0.001	3.604	-0.003	3.619	0.016	3.649	0.031	3.655	0.051
0.050	-0.065	0.102	-0.095	0.108	-0.124	0.120	-0.159	3.682	0.011	3.712	-0.029	3.736	-0.054	3.757	-0.054
0.132	-0.159	0.150	-0.144	0.174	-0.109	0.192	-0.060	3.781	-0.030	3.802	-0.001	3.817	0.024	3.841	0.048
0.201	-0.025	0.216	-0.005	0.240	0.0	0.264	0.005	3.868	0.023	3.895	-0.046	3.919	-0.071	3.942	-0.086
0.285	0.019	0.306	0.039	0.318	0.074	0.336	0.079	3.972	0.062	3.993	-0.022	4.014	0.007	4.038	0.036
0.366	0.054	0.396	0.010	0.420	-0.025	0.450	-0.035	4.074	0.051	4.095	0.031	4.127	-0.009	4.154	-0.069
0.474	-0.049	0.489	-0.069	0.510	-0.089	0.525	-0.114	4.186	-0.094	4.213	-0.064	4.240	-0.015	4.261	0.019
0.549	-0.123	0.576	-0.128	0.591	-0.138	0.612	-0.133	4.287	0.054	4.317	0.034	4.358	-0.016	4.388	-0.056
0.633	-0.118	0.658	-0.069	0.667	0.001	0.682	0.109	4.418	-0.076	4.447	-0.046	4.474	-0.007	4.506	0.047
0.703	0.129	0.715	0.154	0.739	0.100	0.754	0.055	4.535	0.017	4.577	-0.012	4.607	-0.042	4.631	-0.047
0.775	-0.004	0.787	-0.044	0.805	-0.073	0.823	-0.083	4.666	-0.028	4.699	-0.003	4.710	0.026	4.743	0.061
0.853	-0.078	0.877	-0.053	0.895	-0.034	0.910	-0.014	4.761	0.036	4.790	-0.018	4.814	-0.058	4.843	-0.093
0.928	0.001	0.952	0.011	0.971	-0.028	0.992	-0.058	4.879	-0.063	4.899	-0.024	4.935	-0.025	4.961	0.035
1.007	-0.103	1.022	-0.137	1.043	-0.152	1.067	-0.132	4.991	0.005	5.018	-0.030	5.053	-0.050	5.089	-0.030
1.088	-0.102	1.118	-0.028	1.140	0.041	1.149	0.091	5.116	-0.006	5.145	0.009	5.184	0.028	5.205	0.023
1.158	0.135	1.170	0.165	1.188	0.150	1.209	0.117	5.237	-0.012	5.258	-0.032	5.291	-0.047	5.324	-0.032
1.224	0.046	1.239	-0.033	1.258	-0.072	1.273	-0.117	5.350	-0.017	5.386	0.002	5.398	0.012	5.434	-0.013
1.294	-0.092	1.309	-0.077	1.324	-0.047	1.345	-0.018	5.469	-0.028	5.499	-0.029	5.520	-0.019	5.552	0.0
1.373	0.022	1.382	0.037	1.403	0.012	1.421	-0.027	5.579	0.015	5.612	0.0	5.647	-0.010	5.677	-0.026
1.445	-0.067	1.466	-0.106	1.497	-0.126	1.518	-0.082	5.707	-0.026	5.746	-0.026	5.769	-0.017	5.802	-0.002
1.536	-0.037	1.554	-0.008	1.578	0.032	1.587	0.052	5.832	-0.017	5.876	-0.037	5.909	-0.038	5.942	-0.013
1.612	0.023	1.621	-0.007	1.639	-0.032	1.654	-0.061	5.971	0.006	6.004	0.016	6.040	0.001	6.073	-0.029
1.684	-0.047	1.718	-0.037	1.748	-0.012	1.769	-0.018	6.112	-0.049	6.156	-0.039	6.201	-0.025	6.228	-0.010
1.750	0.033	1.808	0.043	1.836	0.013	1.866	-0.031	6.255	-0.011	6.291	-0.026	6.315	-0.031	6.345	-0.036
1.869	-0.066	1.881	-0.086	1.905	-0.066	1.935	-0.016	6.375	-0.026	6.399	-0.006	6.431	0.018	6.452	0.013
1.950	0.018	1.975	0.043	1.999	0.048	2.041	0.019	6.473	-0.016	6.500	-0.031	6.521	-0.036	6.548	-0.036
2.074	-0.016	2.105	-0.031	2.153	-0.040	2.180	-0.035	6.578	-0.036	6.605	-0.026	6.632	-0.006	6.659	-0.016
2.216	-0.035	2.240	-0.055	2.273	-0.075	2.303	-0.055	6.696	-0.026	6.720	-0.031	6.747	-0.016	6.768	-0.006
2.324	-0.025	2.345	0.0	2.376	0.015	2.421	0.014	6.752	0.003	6.828	0.023	6.861	0.003	6.903	-0.016
2.445	0.024	2.466	0.024	2.481	0.039	2.508	0.039	6.940	-0.026	6.976	-0.026	6.997	-0.021	7.033	-0.025
2.550	0.034	2.580	0.009	2.598	-0.026	2.613	-0.065	7.063	-0.035	7.105	-0.030	7.140	-0.020	7.170	-0.010
2.634	-0.090	2.664	-0.100	2.691	-0.085	2.717	-0.056	7.203	-0.010	7.227	-0.005	7.254	0.0	7.295	-0.004
2.735	-0.031	2.753	0.004	2.768	0.023	2.783	0.048	7.331	-0.014	7.358	-0.029	7.403	-0.033	7.438	-0.038
2.840	0.033	2.861	0.008	2.899	-0.012	2.935	-0.022	7.462	-0.033	7.492	-0.028	7.525	-0.013	7.555	-0.008
2.968	-0.012	2.995	-0.007	3.028	-0.027	3.049	-0.057	7.587	-0.008	7.622	0.012	7.646	-0.003	7.679	-0.012
3.082	0.046	3.117	-0.053	3.129	-0.023	3.153	0.021	7.705	-0.022	7.738	-0.007	7.773	-0.007	7.806	-0.021
3.171	-0.024	3.195	0.070	3.219	0.040	3.255	0.006	7.841	-0.017	7.859	-0.026	7.888	-0.031	7.927	-0.021
3.279	-0.024	3.288	-0.039	3.323	-0.039	3.347	-0.020	7.962	-0.016	8.001	0.004	8.033	0.014	8.066	0.009
3.368	-0.010	3.401	0.004	3.428	-0.011	3.461	-0.041	8.104	0.0	8.142	-0.015	8.183	-0.010	8.221	-0.010
3.482	-0.056	3.517	-0.071	3.544	-0.057	3.577	-0.028	8.245	-0.010	8.280	-0.009	8.313	-0.009	8.345	-0.009

23.162	0.007	23.195	0.012	23.237	0.011	23.268	0.001
23.348	0.006	23.395	0.006	23.462	0.006	23.504	0.006
23.552	0.011	23.591	0.016	23.633	0.011	23.672	0.011
23.711	0.006	23.750	0.006	23.786	0.006	23.819	0.011
23.857	0.011	23.896	0.016	23.929	0.011	23.971	0.010
24.010	0.010	24.055	0.010	24.118	0.015	24.184	0.004
24.229	0.014	24.283	0.019	24.322	0.004	24.358	0.008
24.430	0.007	24.481	0.007	24.540	0.006	24.589	0.0
24.640	0.004	24.691	0.013	24.721	0.003	24.763	0.007
24.806	0.002	24.848	0.006	24.899	0.005	24.941	0.005
24.974	0.005	25.013	0.001	25.056	0.001	25.092	0.002
25.128	0.002	25.164	0.007	25.200	0.003	25.224	0.008
25.257	0.004	25.308	0.009	25.347	0.005	25.380	0.010
25.425	0.014	25.465	0.011	25.525	0.006	25.576	0.007
25.617	0.007	25.644	0.012	25.683	0.003	25.728	0.008
25.776	0.003	25.815	0.013	25.860	0.014	25.907	0.004
25.949	0.004	25.991	0.004	26.036	0.004	26.086	0.004
26.122	0.014	26.167	0.009	26.202	0.001	26.238	0.004
26.285	0.004	26.324	0.004	26.377	0.009	26.428	0.004
26.463	0.014	26.505	0.004	26.552	0.008	26.594	0.003
26.627	0.003	26.675	0.002	26.731	0.008	26.788	0.008
26.847	0.003	26.904	0.008	26.946	0.013	26.979	0.018
27.020	0.013	27.056	0.004	27.098	0.004	27.131	0.004
27.155	0.014	27.182	0.019	27.218	0.005	27.266	0.0
27.253	0.005	27.317	0.005	27.356	0.005	27.398	0.020
27.434	0.006	27.482	0.011	27.521	0.006	27.557	0.007
27.593	0.002	27.623	0.017	27.662	0.017	27.697	0.013
27.742	0.013	27.778	0.018	27.814	0.018	27.841	0.019
27.886	0.019	27.925	0.014	27.966	0.014	28.008	0.018
28.044	0.018	28.077	0.013	28.114	0.018	28.144	0.018
28.180	0.008	28.216	0.008	28.249	0.008	28.279	0.018
28.315	0.008	28.361	0.018	28.409	0.022	28.448	0.017
28.487	0.017	28.514	0.017	28.547	0.012	28.575	0.017
28.608	0.016	28.635	0.011	28.666	0.016	28.696	0.006
28.718	0.011	28.757	0.011	28.794	0.011	28.827	0.015
28.866	0.020	28.897	0.020	28.936	0.020	28.964	0.010
29.012	0.011	29.082	0.006	29.121	0.006	29.170	0.006
29.224	0.001	29.270	0.011	29.315	0.011	29.360	0.006
29.400	0.007	29.445	0.002	29.481	0.007	29.518	0.002
29.560	0.007	29.593	0.017	29.641	0.007	29.680	0.012
29.734	0.012	29.782	0.017	29.830	0.003	29.869	0.008
29.914	0.013	29.950	0.013	29.985	0.008	30.040	0.008
30.074	0.008	30.107	0.008	30.137	0.013	30.174	0.013
30.158	0.008	30.228	0.018	30.316	0.018	30.380	0.008
30.434	0.013	30.477	0.018	30.528	0.018	30.571	0.018
30.608	0.018	30.641	0.008	30.678	0.008	30.703	0.018
30.739	0.023	30.770	0.013	30.813	0.013	30.862	0.013
30.904	0.013						

57.020. 3/22/57 1515PST OAKLAND CITY HALL, BSMT, OAKLAND, CAL. N26E

680 POINTS 29.427 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0051 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.001	0.045	0.014	0.067	-0.001	0.089	-0.017	0.035	0.005	6.106	0.004	6.140	0.015	6.193	0.017
0.121	-0.027	0.153	-0.032	0.175	-0.022	0.201	-0.011	6.246	0.010	6.295	0.007	6.351	0.004	6.392	0.007
0.226	-0.004	0.255	-0.019	0.290	-0.027	0.325	-0.011	6.506	-0.001	6.506	-0.006	6.593	-0.004	6.624	-0.002
0.389	-0.001	0.389	0.009	0.414	0.001	0.455	0.012	6.674	-0.001	6.742	-0.001	6.767	0.004	6.780	0.009
0.490	0.019	0.532	0.019	0.535	0.025	0.560	0.009	6.814	0.004	6.842	0.007	6.876	0.004	6.916	0.001
0.579	0.001	0.617	-0.009	0.642	-0.011	0.683	-0.004	6.968	0.009	6.985	0.014	7.028	0.006	7.050	0.004
0.692	0.004	0.727	-0.009	0.761	-0.011	0.806	-0.006	7.060	-0.001	7.118	0.004	7.140	0.009	7.143	0.009
0.837	0.004	0.875	0.009	0.906	0.019	0.922	0.022	7.164	0.004	7.189	0.006	7.223	0.004	7.254	0.006
0.954	0.004	0.985	-0.001	1.023	0.012	1.051	0.014	7.257	0.006	7.282	0.009	7.313	0.004	7.350	-0.004
1.073	-0.001	1.110	-0.019	1.132	-0.032	1.148	-0.027	7.369	0.004	7.406	0.006	7.434	0.004	7.437	0.004
1.185	-0.014	1.219	-0.006	1.229	-0.011	1.279	-0.019	7.462	0.004	7.490	0.004	7.509	0.001	7.546	-0.001
1.313	-0.006	1.360	0.004	1.400	-0.011	1.428	-0.011	7.571	0.001	7.589	-0.001	7.617	-0.002	7.645	-0.002
1.463	-0.001	1.516	0.014	1.522	0.002	1.651	0.004	7.673	0.001	7.757	0.004	7.741	0.004	7.756	0.009
1.572	-0.006	1.597	-0.006	1.622	0.002	1.801	0.004	7.790	0.004	7.840	0.009	7.868	0.006	7.905	0.006
1.685	-0.003	1.738	-0.011	1.770	0.001	1.801	0.017	8.063	0.003	8.078	0.001	8.109	-0.002	8.140	-0.002
1.851	0.002	1.901	-0.001	1.936	0.007	1.970	0.017	8.168	-0.002	8.190	0.001	8.215	0.003	8.246	-0.014
2.008	0.002	2.030	-0.001	2.076	0.010	2.098	0.004	8.280	0.006	8.314	0.006	8.333	0.006	8.367	0.003
2.139	-0.003	2.182	-0.016	2.247	-0.003	2.272	-0.006	8.401	0.006	8.435	0.008	8.463	0.006	8.488	0.003
2.344	0.0	2.369	0.0	2.397	-0.003	2.422	-0.003	8.522	0.008	8.550	0.006	8.591	0.006	8.616	0.005
2.481	0.0	2.506	-0.005	2.574	-0.003	2.592	-0.003	8.650	0.005	8.678	0.003	8.707	0.0	8.747	-0.002
2.617	-0.005	2.642	-0.003	2.666	0.002	2.706	-0.003	8.650	0.005	8.678	0.003	8.707	0.0	8.747	-0.002
2.753	-0.008	2.750	0.003	2.827	0.008	2.901	0.005	8.772	0.0	8.804	0.0	8.838	0.003	8.860	0.005
2.917	0.005	2.938	0.008	2.985	-0.005	3.031	-0.002	8.888	0.008	8.941	0.005	8.985	0.005	9.029	0.005
3.040	0.003	3.099	0.006	3.099	0.008	3.142	-0.002	9.048	0.005	9.091	0.0	9.125	0.002	9.153	0.008
3.173	0.007	3.198	-0.007	3.226	0.001	3.250	0.006	9.200	0.005	9.234	0.0	9.275	0.005	9.299	0.007
3.284	-0.002	3.322	-0.007	3.371	-0.002	3.417	0.006	9.337	0.002	9.387	0.005	9.416	0.007	9.443	0.005
3.482	0.014	3.522	0.006	3.550	0.006	3.596	0.006	9.483	0.002	9.523	-0.001	9.545	-0.003	9.588	-0.001
3.612	0.008	3.652	0.001	3.695	0.001	3.753	0.003	9.610	0.007	9.631	0.010	9.687	-0.001	9.724	0.002
3.781	-0.007	3.833	0.001	3.901	-0.007	3.944	0.001	9.752	0.004	9.792	0.004	9.829	0.002	9.841	0.002
3.984	0.006	4.036	0.001	4.073	0.001	4.126	0.001	9.866	0.002	9.881	0.004	9.912	0.007	9.946	0.002
4.178	0.003	4.209	0.003	4.236	0.003	4.283	-0.004	10.014	-0.003	10.039	-0.003	10.067	-0.003	10.089	-0.003
4.321	-0.002	4.354	-0.002	4.431	-0.002	4.480	-0.004	10.117	-0.003	10.154	0.002	10.207	0.009	10.260	0.004
4.514	0.001	4.548	0.004	4.579	0.014	4.635	0.006	10.291	0.004	10.313	0.002	10.341	0.002	10.375	0.004
4.679	0.001	4.716	0.001	4.753	0.014	4.785	0.011	10.413	0.002	10.450	0.002	10.494	0.002	10.531	-0.001
4.822	0.003	4.877	0.004	4.930	0.001	4.980	0.0	10.588	-0.004	10.632	-0.001	10.678	-0.001	10.700	-0.001
5.042	0.006	5.073	0.0	5.129	0.011	5.200	0.008	10.747	0.004	10.794	0.012	10.826	0.012	10.869	0.007
5.225	0.003	5.284	0.0	5.327	0.001	5.355	0.003	10.810	0.007	10.998	0.007	11.001	0.007	11.044	-0.001
5.389	-0.005	5.426	-0.010	5.501	0.002	5.563	0.0	11.091	0.004	11.153	0.002	11.215	-0.001	11.227	-0.003
5.587	-0.005	5.661	0.007	5.745	0.005	5.772	0.005	11.286	-0.006	11.330	-0.009	11.348	-0.006	11.398	-0.001
5.834	0.0	5.898	-0.003	5.938	-0.003	5.951	-0.006	11.454	0.002	11.491	0.002	11.540	0.004	11.574	0.004

11.559	0.002	11.639	0.002	11.685	0.002	11.749	0.002	22.266	0.0	22.323	-0.003	22.360	-0.003	22.389	0.0
11.783	-0.001	11.817	-0.003	11.869	-0.003	11.909	-0.001	22.417	0.0	22.446	-0.006	22.493	-0.003	22.528	-0.006
11.943	0.002	12.017	0.007	12.035	0.010	12.072	0.012	22.600	0.0	22.619	-0.003	22.666	-0.006	22.701	-0.003
12.115	0.012	12.170	0.007	12.213	0.002	12.284	0.0	22.726	-0.006	22.770	-0.006	22.795	-0.008	22.852	0.0
12.324	0.0	12.357	0.0	12.400	-0.005	12.453	-0.005	22.902	0.0	22.931	0.0	22.959	0.0	22.994	0.0
12.502	0.0	12.554	0.0	12.581	-0.003	12.643	0.003	23.048	0.0	23.073	0.002	23.133	0.0	23.171	0.002
12.701	0.005	12.780	0.005	12.805	0.005	12.863	0.003	23.234	0.0	23.282	-0.005	23.301	-0.003	23.361	-0.002
12.885	0.003	12.979	0.0	13.019	0.001	13.069	0.003	23.411	-0.002	23.437	-0.002	23.478	-0.005	23.509	-0.002
13.109	0.003	13.149	0.006	13.208	0.003	13.233	0.003	23.544	0.0	23.586	0.0	23.611	-0.002	23.655	0.0
13.307	0.003	13.326	0.001	13.369	0.001	13.403	0.001	23.716	0.0	23.741	-0.002	23.804	-0.002	23.833	-0.005
13.422	0.001	13.468	-0.002	13.509	0.003	13.552	-0.002	23.871	-0.005	23.922	-0.002	23.960	-0.004	23.994	-0.004
13.611	0.001	13.673	0.003	13.701	0.003	13.754	0.003	24.058	0.001	24.105	-0.002	24.130	-0.004	24.222	-0.004
13.809	0.003	13.853	0.006	13.881	0.003	13.927	0.006	24.276	-0.007	24.323	-0.004	24.361	-0.004	24.446	-0.004
13.952	0.003	14.014	0.001	14.042	-0.002	14.085	-0.002	24.454	-0.001	24.522	0.001	24.598	0.004	24.684	0.002
14.149	0.001	14.162	0.001	14.223	0.006	14.263	0.009	24.729	0.002	24.827	0.002	24.881	-0.001	25.014	-0.001
14.343	0.009	14.362	0.006	14.399	0.003	14.448	-0.004	25.046	-0.003	25.157	-0.003	25.198	-0.006	25.287	0.0
14.454	-0.002	14.543	-0.002	14.559	-0.004	14.630	-0.005	25.347	0.0	25.407	0.0	25.474	-0.003	25.556	-0.003
14.664	-0.002	14.704	-0.002	14.732	-0.005	14.791	0.006	25.593	-0.003	25.624	0.0	25.712	-0.005	25.765	-0.003
14.838	0.003	14.881	0.0	14.918	0.0	14.977	0.003	25.877	0.003	25.912	-0.003	25.949	0.0	26.027	-0.003
15.023	-0.002	15.079	0.003	15.163	0.003	15.209	0.003	26.052	0.0	26.102	0.0	26.152	-0.002	26.231	0.003
15.240	0.0	15.296	0.003	15.317	-0.003	15.373	0.002	26.302	0.003	26.321	-0.002	26.381	0.003	26.465	0.003
15.463	0.0	15.488	0.0	15.587	0.0	15.639	0.0	26.550	0.003	26.578	0.0	26.644	0.0	26.691	-0.002
15.713	0.0	15.735	0.0	15.836	0.002	15.880	0.002	26.750	-0.002	26.813	-0.002	26.870	-0.002	26.920	-0.002
15.920	0.002	15.997	0.005	16.028	0.002	16.100	-0.001	26.998	0.003	27.052	0.005	27.093	0.003	27.190	-0.002
16.156	0.002	16.231	0.002	16.312	-0.001	16.327	-0.001	27.304	-0.002	27.376	-0.005	27.404	-0.002	27.483	0.0
16.380	-0.003	16.483	-0.009	16.523	-0.011	16.589	-0.003	27.558	0.0	27.631	-0.002	27.656	-0.002	27.744	-0.002
16.632	-0.003	16.654	-0.003	16.698	-0.004	16.751	0.002	27.772	-0.002	27.817	-0.002	27.873	-0.002	27.924	-0.002
16.804	-0.001	16.854	0.002	16.900	0.002	16.988	0.001	27.958	-0.002	28.021	-0.004	28.099	-0.004	28.159	-0.004
17.025	0.001	17.075	0.001	17.155	-0.001	17.202	-0.004	28.234	-0.007	28.296	-0.004	28.337	-0.002	28.409	0.001
17.267	-0.006	17.347	-0.009	17.412	-0.009	17.459	-0.006	28.471	-0.002	28.574	-0.002	28.609	-0.002	28.665	-0.004
17.556	-0.006	17.637	-0.009	17.684	-0.004	17.718	0.001	28.749	-0.004	28.780	-0.001	28.814	-0.001	28.858	-0.001
17.806	-0.001	17.843	-0.004	17.887	-0.001	17.946	-0.004	28.883	-0.001	28.939	-0.001	29.002	-0.001	29.033	-0.001
17.986	-0.006	18.037	-0.004	18.084	0.001	18.140	-0.004	29.089	-0.001	29.130	-0.001	29.174	0.001	29.227	-0.001
18.219	0.001	18.272	-0.001	18.401	-0.004	18.460	-0.001	29.308	0.001	29.321	0.001	29.390	0.004	29.427	0.002
18.563	-0.001	18.614	0.001	18.695	0.001	18.732	0.004								
18.776	-0.001	18.826	-0.006	18.892	-0.004	18.952	-0.004								
19.024	-0.004	19.080	-0.007	19.114	-0.004	19.174	-0.001								
19.240	0.001	19.306	0.001	19.337	-0.002	19.390	-0.002								
19.437	-0.002	19.472	-0.002	19.544	-0.004	19.591	-0.004								
19.641	-0.004	19.685	-0.004	19.735	-0.002	19.763	-0.002								
19.807	-0.004	19.826	-0.004	19.885	-0.002	19.941	-0.004								
19.985	-0.004	20.013	-0.004	20.054	-0.002	20.098	-0.002								
20.136	-0.002	20.180	0.001	20.209	0.001	20.265	-0.002								
20.319	-0.002	20.395	0.0	20.464	-0.002	20.508	-0.005								
20.594	-0.002	20.622	-0.002	20.644	-0.002	20.682	-0.002								
20.730	-0.002	20.784	0.0	20.838	-0.005	20.872	-0.005								
20.911	0.0	20.949	0.0	20.971	0.002	21.034	0.0								
21.037	0.0	21.066	-0.003	21.113	0.0	21.148	0.002								
21.167	0.0	21.201	0.0	21.255	0.0	21.296	-0.003								
21.318	0.0	21.359	-0.006	21.372	-0.006	21.404	-0.006								
21.423	-0.006	21.464	-0.003	21.502	-0.003	21.540	-0.006								
21.577	-0.003	21.593	-0.006	21.641	-0.003	21.675	-0.003								
21.710	-0.003	21.729	-0.003	21.754	-0.006	21.752	0.0								
21.814	-0.006	21.865	-0.006	21.887	-0.006	21.925	-0.003								
21.960	-0.003	21.985	-0.006	22.042	0.0	22.073	-0.003								
22.124	0.002	22.171	0.0	22.206	0.0	22.241	0.002								

320 POINTS 29.387 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0055 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.028	0.013	-0.014	0.035	0.001	0.051	0.006	5.411	-0.009	5.464	-0.004	5.529	0.001	5.621	0.0	0.0	0.007	5.840	0.007
0.073	-0.002	0.092	-0.006	0.111	-0.014	0.121	-0.016	5.714	0.003	5.751	0.005	5.797	0.010	5.840	0.007	0.008	0.007	6.109	-0.008
0.140	-0.009	0.156	0.006	0.175	0.018	0.188	0.025	5.902	0.002	5.958	-0.002	6.020	-0.007	6.109	-0.008	0.007	0.007	6.261	0.007
0.197	0.030	0.216	0.035	0.229	0.028	0.252	0.011	6.156	0.0	6.196	0.002	6.233	0.002	6.261	0.007	0.007	0.007	6.395	-0.008
0.264	0.001	0.274	-0.009	0.283	-0.011	0.299	-0.006	6.333	-0.001	6.395	0.002	6.434	-0.003	6.531	-0.008	0.008	0.008	6.755	0.006
0.318	0.006	0.341	0.018	0.353	0.028	0.366	0.030	6.584	0.001	6.702	-0.001	6.755	0.009	6.839	0.006	0.006	0.006	7.016	-0.001
0.382	0.018	0.408	-0.016	0.420	-0.033	0.433	-0.043	6.870	0.009	6.938	-0.001	7.016	0.006	7.062	-0.001	0.001	0.001	7.152	-0.004
0.446	0.038	0.484	-0.016	0.500	-0.011	0.513	-0.011	7.112	-0.011	7.152	-0.004	7.186	0.003	7.282	-0.001	0.001	0.001	7.471	-0.004
0.547	-0.021	0.582	-0.031	0.607	-0.036	0.623	-0.026	7.310	0.006	7.382	0.006	7.471	0.001	7.549	-0.004	0.004	0.004	7.755	-0.002
0.648	-0.009	0.673	0.001	0.692	0.003	0.711	-0.002	7.750	0.004	7.775	0.006	7.818	0.006	7.889	-0.002	0.002	0.002	8.082	-0.004
0.739	-0.009	0.761	-0.011	0.784	-0.006	0.812	-0.008	7.964	-0.001	8.041	-0.002	8.082	-0.004	8.147	0.001	0.001	0.001	8.429	-0.004
0.834	0.013	0.850	0.006	0.884	-0.016	0.900	-0.023	8.305	0.001	8.361	0.008	8.429	0.001	8.544	-0.004	0.004	0.004	8.716	-0.002
0.932	-0.019	0.960	-0.023	0.985	-0.031	1.004	-0.028	8.628	-0.009	8.663	-0.006	8.716	-0.002	8.844	0.001	0.001	0.001	9.038	0.003
1.045	-0.009	1.066	0.001	1.091	0.006	1.135	0.001	8.929	0.003	9.001	-0.002	9.038	0.003	9.240	0.003	0.003	0.003	9.551	-0.006
1.160	0.003	1.191	-0.006	1.210	-0.002	1.238	0.013	9.411	0.003	9.474	-0.002	9.551	-0.006	9.615	-0.009	0.009	0.009	9.813	-0.006
1.413	-0.016	1.435	-0.006	1.463	-0.004	1.488	-0.001	10.214	0.006	10.294	-0.004	10.354	-0.002	10.425	-0.004	0.004	0.004	10.622	-0.003
1.525	-0.013	1.550	-0.008	1.600	0.001	1.635	0.004	10.519	0.001	10.603	-0.001	10.622	-0.003	10.672	0.002	0.002	0.002	10.888	-0.003
1.716	-0.008	1.771	-0.008	1.754	-0.016	1.773	-0.011	10.757	-0.003	10.804	-0.001	10.888	-0.003	10.960	0.0	0.0	0.0	11.178	0.007
1.823	-0.006	1.842	-0.011	1.879	-0.020	1.911	-0.015	11.091	0.0	11.153	-0.002	11.240	0.005	11.302	0.003	0.003	0.003	11.580	-0.004
1.951	-0.020	1.986	-0.015	2.023	-0.005	2.061</													

IV326

57.020. 3/22/57 1515PST OAKLAND CITY HALL, BSMT, OAKLAND, CAL. UP

565 POINTS 29.458 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADJUSTMENT, IS 0.0037 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.007	0.032	0.003	0.057	0.013	0.086	0.003	4.372	-0.004	4.384	-0.002	4.403	0.001	4.436	-0.009				
0.111	-0.001	0.131	-0.006	0.156	-0.001	0.172	0.006	4.495	-0.002	4.548	0.003	4.551	0.003	4.585	-0.002				
0.201	-0.001	0.220	-0.006	0.242	-0.009	0.258	-0.016	4.635	0.001	4.681	0.006	4.712	0.006	4.753	0.006				
0.277	-0.021	0.290	-0.026	0.309	-0.028	0.325	-0.021	4.790	0.006	4.830	0.001	4.871	0.001	4.871	0.006				
0.341	-0.011	0.360	0.004	0.389	-0.009	0.411	-0.001	4.924	-0.002	4.964	-0.004	5.023	-0.002	5.042	0.001				
0.424	-0.001	0.455	-0.011	0.481	-0.006	0.506	0.006	5.079	-0.002	5.116	0.008	5.169	0.001	5.240	0.001				
0.525	-0.009	0.544	-0.016	0.560	0.004	0.572	-0.003	5.256	0.001	5.283	0.003	5.339	-0.002	5.383	-0.007				
0.588	-0.008	0.610	-0.008	0.635	-0.011	0.651	-0.006	5.414	0.001	5.457	-0.012	5.504	0.001	5.581	0.003				
0.673	-0.001	0.705	-0.004	0.733	-0.003	0.752	-0.006	5.636	0.005	5.686	0.001	5.720	0.003	5.754	0.006				
0.783	-0.001	0.790	0.002	0.824	-0.003	0.843	0.004	5.787	0.008	5.840	0.001	5.877	0.006	5.923	0.001				
0.865	0.009	0.890	0.002	0.903	-0.003	0.928	-0.003	5.970	-0.004	6.022	0.001	6.069	0.001	6.106	-0.002				
0.953	-0.008	0.966	-0.010	0.985	-0.010	1.013	-0.005	6.171	-0.007	6.211	0.001	6.273	0.006	6.311	0.008				
1.026	-0.003	1.051	-0.008	1.075	0.0	1.094	0.005	6.373	0.008	6.422	0.008	6.456	0.008	6.512	-0.004				
1.113	-0.003	1.132	-0.010	1.150	-0.015	1.185	-0.007	6.568	-0.004	6.608	-0.004	6.633	-0.004	6.705	-0.004				
1.222	-0.002	1.241	0.007	1.263	0.012	1.278	0.0	6.736	-0.004	6.754	0.001	6.807	-0.001	6.841	0.004				
1.300	-0.007	1.322	-0.012	1.341	-0.015	1.375	-0.005	6.900	0.009	6.928	0.011	6.953	0.016	7.015	0.006				
1.397	0.003	1.422	0.008	1.434	0.010	1.447	0.0	7.056	0.001	7.099	0.001	7.136	0.006	7.155	0.011				
1.462	-0.007	1.484	-0.014	1.522	-0.004	1.559	0.006	7.189	0.001	7.225	0.001	7.257	0.006	7.279	0.011				
1.588	0.008	1.603	0.011	1.628	-0.007	1.660	-0.009	7.310	0.006	7.328	0.006	7.350	0.008	7.387	0.003				
1.682	0.003	1.700	0.008	1.726	0.003	1.757	-0.006	7.412	0.006	7.456	0.003	7.471	0.006	7.507	0.003				
1.785	0.001	1.807	0.006	1.835	-0.004	1.864	-0.009	7.524	0.006	7.548	0.003	7.573	0.003	7.607	0.003				
1.892	-0.006	1.923	-0.001	1.939	0.001	1.964	0.004	7.632	0.001	7.660	0.001	7.672	0.001	7.706	-0.002				
1.989	-0.006	2.026	-0.013	2.060	-0.003	2.079	0.007	7.737	0.0	7.781	0.010	7.805	0.003	7.846	0.005				
2.104	0.012	2.129	-0.001	2.160	-0.008	2.200	0.004	7.874	0.005	7.904	0.005	7.942	0.008	7.951	0.013				
2.244	0.009	2.259	0.012	2.284	0.002	2.306	-0.003	8.007	0.008	8.050	0.010	8.066	0.007	8.100	0.002				
2.334	0.004	2.353	0.007	2.387	-0.001	2.421	0.004	8.121	0.002	8.171	0.005	8.193	0.002	8.236	0.002				
2.477	-0.003	2.508	-0.006	2.527	-0.006	2.536	-0.006	8.255	0.005	8.289	0.005	8.335	0.002	8.363	0.0				
2.564	-0.003	2.595	-0.008	2.638	-0.001	2.681	-0.003	8.391	0.007	8.453	0.004	8.490	0.004	8.528	0.002				
2.709	-0.001	2.737	-0.008	2.774	0.002	2.808	0.007	8.553	0.002	8.569	-0.001	8.581	-0.001	8.625	0.002				
2.836	0.014	2.870	0.002	2.891	0.007	2.935	-0.016	8.666	-0.001	8.706	0.001	8.741	-0.001	8.772	0.002				
2.981	0.007	3.043	0.002	3.065	-0.003	3.089	-0.008	8.813	0.004	8.844	0.004	8.872	0.004	8.904	0.001				
3.133	0.002	3.164	-0.003	3.188	0.007	3.228	-0.001	8.951	-0.002	8.988	0.003	9.025	0.003	9.041	0.006				
3.269	-0.008	3.309	0.002	3.337	0.007	3.389	-0.001	9.088	0.008	9.131	0.008	9.156	0.010	9.215	0.005				
3.405	-0.003	3.445	-0.008	3.476	-0.008	3.497	0.002	9.234	0.005	9.277	0.003	9.290	0.003	9.324	-0.002				
3.522	0.007	3.571	-0.001	3.614	-0.009	3.660	0.007	9.424	-0.008	9.455	-0.005	9.455	-0.005	9.510	-0.003				
3.679	0.007	3.697	-0.001	3.734	-0.008	3.771	0.001	9.547	0.002	9.578	0.005	9.603	0.007	9.646	0.007				
3.808	-0.003	3.848	0.009	3.894	-0.004	3.947	-0.006	9.696	0.009	9.699	0.007	9.717	0.009	9.760	0.007				
3.977	-0.004	4.008	0.001	4.020	0.001	4.064	0.006	9.810	0.002	9.844	0.004	9.878	0.001	9.905	-0.001				
4.094	0.004	4.131	0.006	4.144	0.006	4.181	0.008	9.943	-0.001	9.986	-0.004	10.011	-0.004	10.057	-0.001				
4.227	0.001	4.248	0.606	4.285	-0.009	4.347	-0.004	10.126	0.001	10.142	0.001	10.148	0.003	10.204	0.001				

10.254	0.001	10.300	-0.002	10.335	-0.002	10.419	0.001	27.709	0.00	27.741	0.00	27.820	0.00	27.905	0.00
10.469	0.001	10.550	-0.002	10.603	0.001	10.653	0.001	27.990	0.00	28.068	0.00	28.177	0.002	28.295	0.00
10.681	0.001	10.731	-0.002	10.782	0.00	10.825	0.00	28.358	0.00	28.427	0.00	28.565	0.00	28.667	-0.003
10.832	0.003	10.879	-0.005	10.929	-0.002	10.991	-0.005	28.780	0.00	28.830	0.00	28.902	0.00	29.029	0.00
11.056	-0.005	11.078	-0.005	11.118	0.00	11.163	-0.002	29.086	0.00	29.192	0.002	29.252	-0.001	29.380	-0.001
11.218	-0.002	11.283	0.00	11.304	0.002	11.379	0.00	29.458	-0.001						
11.428	0.00	11.465	0.00	11.506	0.002	11.589	0.00								
11.647	0.002	11.697	0.002	11.727	-0.005	11.755	0.00								
11.869	-0.002	11.924	0.00	12.007	-0.002	12.062	0.00								
12.124	0.00	12.265	0.002	12.323	0.002	12.409	0.00								
12.437	0.00	12.523	-0.002	12.596	-0.005	12.691	0.00								
12.743	0.005	12.832	0.002	12.902	0.00	13.025	0.002								
13.121	0.00	13.152	0.00	13.236	0.00	13.319	0.00								
13.397	0.002	13.493	0.002	13.573	0.00	13.679	0.002								
13.794	0.002	13.880	0.002	13.933	0.002	14.041	-0.005								
14.090	-0.005	14.173	0.00	14.235	0.005	14.300	0.005								
14.355	0.005	14.429	0.005	14.487	0.00	14.599	-0.005								
14.720	-0.002	14.797	0.002	14.840	0.002	14.930	0.005								
14.964	0.002	15.020	0.002	15.091	-0.002	15.137	-0.002								
15.178	-0.002	15.277	0.00	15.425	0.00	15.503	-0.002								
15.571	0.00	15.660	0.002	15.706	0.002	15.762	0.00								
15.855	-0.002	15.889	0.00	15.953	-0.002	15.978	-0.002								
16.090	0.002	16.218	0.00	16.255	0.002	16.370	0.002								
16.445	0.00	16.511	0.00	16.551	0.00	16.576	0.00								
16.688	0.00	16.741	-0.003	16.813	-0.003	16.953	0.00								
17.021	0.002	17.074	0.002	17.136	0.005	17.235	-0.005								
17.273	0.003	17.359	-0.005	17.449	-0.003	17.549	-0.001								
17.615	-0.001	17.658	-0.001	17.768	-0.001	17.802	-0.001								
17.887	-0.001	17.933	-0.001	17.974	-0.001	18.040	-0.001								
18.175	-0.001	18.275	-0.001	18.338	-0.001	18.447	0.002								
18.513	0.002	18.613	0.002	18.676	-0.003	18.776	-0.001								
18.839	-0.001	18.967	-0.004	19.061	0.001	19.180	-0.001								
19.230	0.001	19.349	0.001	19.440	-0.001	19.509	-0.004								
19.616	-0.001	19.731	-0.004	19.800	-0.001	19.910	-0.001								
20.045	0.004	20.120	0.001	20.209	-0.001	20.259	-0.001								
20.335	-0.001	20.404	-0.001	20.461	0.004	20.549	-0.001								
20.657	-0.001	20.711	-0.001	20.790	0.001	20.876	-0.001								
20.955	0.001	21.031	0.001	21.126	-0.001	21.205	-0.001								
21.258	0.001	21.328	-0.001	21.391	-0.001	21.508	-0.001								
21.574	-0.001	21.704	0.001	21.742	-0.001	21.808	0.001								
21.909	-0.001	22.035	-0.001	22.099	-0.006	22.228	-0.004								
22.313	0.001	22.389	-0.001	22.455	0.001	22.534	-0.001								
22.606	-0.001	22.707	-0.001	22.764	-0.001	22.887	-0.001								
22.994	-0.001	23.051	-0.006	23.149	-0.001	23.240	-0.003								
23.367	-0.001	23.449	-0.003	23.592	-0.001	23.703	-0.001								
23.918	0.00	24.051	0.00	24.178	-0.003	24.342	0.00								
24.380	0.00	24.472	-0.003	24.576	-0.003	24.691	-0.003								
24.824	0.00	24.859	0.002	24.948	0.00	25.046	-0.005								
25.122	0.00	25.211	0.00	25.315	0.00	25.369	0.00								
25.439	0.00	25.583	0.00	25.630	0.00	25.737	-0.005								
25.780	-0.005	25.868	-0.002	25.933	-0.002	26.043	0.00								
26.093	0.002	26.187	-0.002	26.271	-0.002	26.346	-0.002								
26.437	0.00	26.493	0.00	26.559	-0.002	26.656	0.002								
26.747	0.00	26.835	0.00	26.932	-0.002	26.983	-0.002								
27.099	0.005	27.168	0.00	27.228	0.002	27.294	0.002								
27.360	0.002	27.467	0.00	27.539	0.00	27.612	0.00								

IV327

57.021. 3/22/57 1515PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL. N26E

469 FCINTS 15.643 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0265 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.083	0.020	-0.083	0.053	-0.064	0.073	-0.052	4.606	0.010	4.649	0.010	4.672	0.010	4.703	0.010	4.733	0.010	4.770	0.011
0.003	-0.033	0.106	-0.007	0.122	0.024	0.142	0.049	4.733	0.010	4.770	0.011	4.797	0.011	4.827	-0.002	4.854	-0.008	4.881	-0.008
0.162	0.068	0.186	0.049	0.202	0.024	0.216	-0.007	4.854	-0.008	4.881	-0.008	4.908	-0.008	4.938	-0.014	4.969	-0.014	4.996	-0.007
0.232	-0.026	0.252	-0.039	0.262	-0.020	0.282	0.011	4.969	-0.014	4.996	-0.014	5.033	-0.008	5.070	-0.007	5.100	-0.007	5.130	-0.007
0.299	0.029	0.316	0.068	0.332	0.050	0.346	0.037	5.100	-0.007	5.130	-0.007	5.157	-0.007	5.187	-0.007	5.214	-0.007	5.251	-0.001
0.366	-0.007	0.379	-0.014	0.403	-0.045	0.423	-0.058	5.214	-0.007	5.251	-0.001	5.277	-0.001	5.294	-0.001	5.328	-0.001	5.361	0.005
0.439	-0.020	0.453	0.018	0.469	-0.043	0.493	0.062	5.328	-0.001	5.361	0.005	5.394	0.011	5.421	0.018	5.444	0.018	5.461	0.018
0.503	0.030	0.503	0.030	0.526	-0.001	0.540	-0.020	5.444	0.018	5.461	0.018	5.471	0.018	5.494	0.018	5.518	0.011	5.548	0.011
0.576	-0.007	0.590	0.024	0.576	0.030	0.630	0.055	5.518	0.011	5.548	0.011	5.575	0.011	5.598	0.011	5.618	0.005	5.645	0.005
0.653	0.055	0.667	0.093	0.684	0.081	0.704	0.055	5.618	0.005	5.645	0.005	5.675	0.005	5.708	0.005	5.748	0.005	5.781	0.011
0.727	0.043	0.727	0.024	0.778	0.019	0.815	0.011	5.748	0.005	5.781	0.011	5.808	0.011	5.841	0.005	5.868	0.005	5.898	0.005
0.842	-0.001	0.876	-0.007	0.900	-0.001	0.940	-0.001	5.868	0.005	5.898	0.005	5.941	-0.007	5.974	-0.001	6.011	-0.001	6.041	-0.007
0.977	-0.001	1.011	-0.001	1.031	-0.001	1.052	-0.001	6.011	-0.001	6.041	-0.007	6.061	-0.007	6.067	-0.007	6.104	-0.014	6.137	-0.014
1.072	-0.001	1.099	-0.007	1.126	-0.007	1.153	-0.014	6.104	-0.014	6.137	-0.014	6.180	-0.014	6.223	-0.007	6.252	-0.007	6.292	-0.001
1.170	-0.014	1.193	-0.014	1.217	-0.020	1.247	-0.020	6.252	-0.007	6.292	-0.001	6.321	-0.001	6.361	0.011	6.394	0.018	6.426	0.024
1.277	-0.033	1.304	-0.033	1.321	-0.033	1.361	-0.058	6.394	0.018	6.426	0.024	6.446	0.024	6.475	0.030	6.495	0.030	6.528	0.030
1.384	-0.070	1.418	-0.070	1.441	-0.070	1.475	-0.052	6.495	0.030	6.528	0.030	6.568	0.030	6.594	0.030	6.623	0.030	6.656	0.030
1.491	-0.039	1.518	-0.033	1.542	-0.033	1.545	-0.039	6.623	0.030	6.656	0.030	6.686	0.024	6.712	0.018	6.735	-0.001	6.768	-0.007
1.558	-0.039	1.595	-0.039	1.639	-0.020	1.682	0.011	6.735	-0.001	6.768	-0.007	6.784	-0.020	6.813	-0.026	6.843	-0.039	6.876	-0.039
1.718	0.018	1.758	0.018	1.795	0.018	1.821	0.018	6.843	-0.039	6.876	-0.039	6.905	-0.045	6.935	-0.045	7.013	-0.039	7.052	-0.033
1.854	0.018	1.891	0.018	1.917	0.018	1.950	0.018	6.961	-0.039	6.977	-0.039	7.013	-0.039	7.052	-0.033	7.128	-0.026	7.141	-0.026
1.980	0.018	2.023	0.018	2.073	0.018	2.116	0.024	7.052	-0.033	7.105	-0.026	7.128	-0.026	7.141	-0.026	7.180	-0.026	7.197	-0.026
2.156	0.030	2.185	0.049	2.225	0.068	2.251	0.068	7.180	-0.026	7.197	-0.026	7.233	-0.026	7.263	-0.014	7.299	-0.007	7.355	0.005
2.304	0.062	2.351	0.043	2.394	0.024	2.433	0.005	7.299	-0.007	7.355	0.005	7.378	0.011	7.408	0.018	7.437	0.024	7.473	0.030
2.463	-0.020	2.503	-0.033	2.522	-0.052	2.569	-0.052	7.437	0.024	7.473	0.030	7.513	0.030	7.549	0.030	7.575	0.030	7.615	0.030
2.605	-0.045	2.635	-0.039	2.658	-0.033	2.685	-0.033	7.575	0.030	7.615	0.030	7.642	0.030	7.671	0.030	7.704	0.030	7.733	0.030
2.709	-0.033	2.719	-0.033	2.770	-0.033	2.824	-0.026	7.704	0.030	7.733	0.030	7.756	0.030	7.779	0.030	7.808	0.030	7.838	0.030
2.861	-0.020	2.901	-0.020	2.928	-0.020	2.966	-0.007	7.808	0.030	7.838	0.030	7.864	0.018	7.880	-0.001	7.929	-0.026	7.955	-0.033
3.010	-0.007	3.053	-0.001	3.091	0.011	3.141	0.018	7.929	-0.026	7.955	-0.033	8.017	-0.033	8.037	-0.033	8.093	-0.033	8.122	-0.033
3.182	0.018	3.226	0.030	3.271	0.030	3.318	0.030	7.995	-0.033	8.017	-0.033	8.037	-0.033	8.093	-0.033	8.122	-0.033	8.145	-0.033
3.349	0.024	3.373	0.018	3.404	0.018	3.431	0.005	8.093	-0.033	8.122	-0.033	8.145	-0.033	8.171	-0.033	8.256	-0.039	8.292	-0.033
3.561	0.005	3.499	-0.007	3.523	-0.014	3.567	-0.020	8.197	-0.033	8.230	-0.039	8.256	-0.039	8.292	-0.033	8.325	-0.033	8.351	-0.033
3.594	-0.020	3.628	-0.020	3.676	-0.026	3.699	-0.026	8.325	-0.033	8.351	-0.033	8.377	-0.033	8.393	-0.026	8.419	-0.026	8.452	-0.026
3.732	-0.032	3.782	-0.038	3.809	-0.038	3.852	-0.038	8.419	-0.026	8.452	-0.026	8.491	-0.014	8.521	-0.014	8.547	0.005	8.576	0.018
3.879	-0.038	3.915	-0.038	3.952	-0.038	3.988	-0.038	8.547	0.005	8.576	0.018	8.609	0.018	8.629	0.018	8.655	0.018	8.691	0.018
4.032	-0.037	4.065	-0.037	4.092	-0.031	4.118	-0.031	8.655	0.018	8.691	0.018	8.730	0.018	8.766	0.018	8.795	0.024	8.851	0.024
4.148	-0.024	4.181	-0.024	4.212	-0.017	4.235	-0.011	8.795	0.024	8.825	0.024	8.851	0.024	8.883	0.024	8.913	0.024	8.962	0.024
4.252	-0.011	4.285	-0.004	4.318	-0.004	4.348	0.009	8.913	0.024	8.939	0.024	8.962	0.024	8.981	0.024	9.047	0.024	9.074	0.024
4.378	0.015	4.405	0.022	4.432	0.022	4.462	0.022	8.995	0.024	9.017	0.024	9.047	0.024	9.083	0.024	9.106	0.024	9.135	0.018
4.479	0.022	4.505	0.016	4.545	0.010	4.579	0.010	9.106	0.024	9.135	0.018	9.164	0.024	9.191	-0.001				

9.236	-0.014	9.266	-0.026	9.295	-0.033	9.341	-0.033
9.373	-0.033	9.383	-0.033	9.403	-0.033	9.435	-0.033
9.468	-0.033	9.510	-0.026	9.556	-0.026	9.592	-0.026
9.641	-0.020	9.667	-0.020	9.710	-0.014	9.733	-0.007
9.779	0.011	9.805	0.024	9.851	0.024	9.900	0.024
9.933	0.024	9.972	0.018	10.022	0.018	10.061	0.018
10.120	0.018	10.189	0.018	10.248	0.011	10.310	-0.001
10.352	-0.007	10.388	-0.007	10.430	-0.007	10.479	-0.007
10.531	-0.007	10.561	-0.007	10.587	-0.014	10.642	-0.014
10.688	-0.014	10.718	-0.014	10.757	-0.014	10.799	-0.014
10.842	-0.014	10.885	-0.014	10.917	-0.014	10.970	-0.014
11.016	-0.007	11.068	-0.007	11.097	-0.007	11.156	0.018
11.222	0.024	11.278	0.024	11.338	0.024	11.374	0.030
11.404	0.030	11.450	0.024	11.490	0.018	11.533	-0.001
11.556	-0.020	11.608	-0.033	11.661	-0.026	11.704	-0.020
11.747	-0.026	11.793	-0.026	11.826	-0.026	11.855	-0.026
11.875	-0.026	11.928	-0.026	11.977	-0.020	12.023	-0.007
12.076	-0.001	12.155	0.011	12.221	0.030	12.258	0.037
12.271	0.030	12.308	0.030	12.361	0.037	12.401	0.037
12.444	0.037	12.480	0.043	12.537	0.037	12.577	0.030
12.590	0.018	12.653	-0.007	12.723	-0.007	12.763	-0.007
12.807	-0.007	12.840	-0.007	12.881	-0.007	12.911	-0.007
12.937	-0.007	12.967	-0.007	13.014	-0.007	13.085	-0.007
13.135	-0.007	13.178	-0.007	13.218	-0.007	13.258	-0.007
13.295	-0.001	13.324	-0.001	13.371	0.018	13.408	0.037
13.474	0.037	13.497	0.037	13.537	0.037	13.574	0.037
13.631	0.037	13.667	0.037	13.697	0.037	13.727	0.037
13.777	0.030	13.830	-0.001	13.879	-0.014	13.942	-0.014
13.999	-0.007	14.062	-0.007	14.105	-0.007	14.158	-0.007
14.191	-0.007	14.241	-0.007	14.277	-0.007	14.320	-0.007
14.376	0.005	14.416	0.011	14.462	0.024	14.495	0.037
14.532	0.055	14.594	0.074	14.637	0.068	14.660	0.068
14.700	0.062	14.746	0.049	14.799	0.043	14.865	0.024
14.905	-0.007	14.955	-0.020	15.004	-0.026	15.051	-0.027
15.084	-0.027	15.130	-0.021	15.186	-0.022	15.223	-0.022
15.249	-0.022	15.286	-0.023	15.322	-0.023	15.388	-0.024
15.451	-0.024	15.537	-0.025	15.584	-0.001	15.640	0.030
15.643	0.011						

57-021. 3/22/57 1515PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL. N64W

392 POINTS 15.627 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0588 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.051	0.023	-0.001	0.050	0.026	0.079	0.048	5.468	0.062	5.518	0.084	5.555	0.094	5.571	0.094	5.571	0.094
0.109	0.032	0.149	0.005	0.186	0.033	0.212	0.065	5.615	0.089	5.658	0.078	5.711	0.073	5.758	0.062	5.758	0.062
0.242	0.071	0.266	0.045	0.309	0.023	0.339	0.055	5.781	0.045	5.818	0.035	5.858	0.018	5.908	-0.004	5.908	-0.004
0.359	0.077	0.393	0.094	0.419	0.083	0.463	0.051	5.948	-0.025	5.991	-0.036	6.038	-0.036	6.084	-0.036	6.084	-0.036
0.486	0.073	0.510	0.089	0.530	0.095	0.563	0.068	6.127	-0.063	6.160	-0.069	6.193	-0.080	6.223	-0.080	6.223	-0.080
0.580	0.035	0.610	0.003	0.640	0.020	0.680	0.053	6.252	-0.085	6.295	-0.091	6.341	-0.085	6.377	-0.074	6.377	-0.074
0.711	0.026	0.731	-0.012	0.745	-0.061	0.775	-0.105	6.439	-0.058	6.489	-0.036	6.551	-0.014	6.591	-0.004	6.591	-0.004
0.805	-0.035	0.829	-0.023	0.856	-0.006	0.890	-0.038	6.614	0.013	6.663	0.024	6.699	0.045	6.751	0.067	6.751	0.067
0.914	-0.082	0.930	-0.125	0.951	-0.141	0.968	-0.114	6.787	0.062	6.836	0.062	6.879	0.078	6.921	0.078	6.921	0.078
1.091	-0.080	1.025	-0.042	1.059	-0.063	1.079	-0.101	6.967	0.067	7.006	0.062	7.049	0.056	7.105	0.045	7.105	0.045
1.106	-0.133	1.137	-0.111	1.157	-0.083	1.180	-0.072	7.151	0.035	7.183	0.024	7.216	-0.004	7.266	-0.020	7.266	-0.020
1.210	-0.082	1.244	-0.088	1.277	-0.055	1.301	0.0	7.302	-0.020	7.342	-0.031	7.391	-0.063	7.421	-0.069	7.421	-0.069
1.327	0.055	1.354	0.071	1.378	0.084	1.411	0.045	7.447	-0.085	7.496	-0.063	7.529	-0.058	7.582	-0.053	7.582	-0.053
1.448	0.050	1.482	0.072	1.518	0.084	1.549	0.094	7.628	-0.053	7.658	-0.053	7.684	-0.053	7.734	-0.042	7.734	-0.042
1.595	0.100	1.626	0.100	1.669	0.089	1.705	0.089	7.772	-0.031	7.815	-0.025	7.854	-0.014	7.890	-0.009	7.890	-0.009
1.732	0.100	1.781	0.122	1.811	0.116	1.838	0.089	7.919	0.002	7.968	0.015	7.998	0.029	8.050	0.045	8.050	0.045
1.864	0.062	1.894	0.045	1.934	0.045	1.957	0.045	8.112	0.051	8.171	0.062	8.210	0.073	8.266	0.056	8.266	0.056
1.970	0.024	1.997	0.007	2.023	-0.014	2.063	-0.047	8.298	0.045	8.351	0.040	8.377	0.040	8.419	0.024	8.419	0.024
2.103	-0.074	2.129	-0.091	2.165	-0.107	2.205	-0.112	8.478	0.024	8.521	0.007	8.550	0.004	8.586	-0.014	8.586	-0.014
2.241	-0.102	2.265	-0.102	2.291	-0.112	2.318	-0.123	8.635	-0.020	8.687	-0.025	8.726	-0.042	8.772	-0.058	8.772	-0.058
2.344	-0.129	2.380	-0.118	2.413	-0.107	2.446	-0.085	8.805	-0.063	8.844	-0.053	8.909	-0.053	8.939	-0.053	8.939	-0.053
2.499	-0.069	2.552	-0.053	2.575	-0.047	2.628	-0.042	8.968	-0.058	9.001	-0.058	9.047	-0.047	9.092	-0.036	9.092	-0.036
2.672	0.002	2.702	0.040	2.746	0.084	2.780	0.084	9.122	-0.036	9.161	-0.036	9.200	-0.020	9.239	0.002	9.239	0.002
2.800	0.067	2.834	0.051	2.871	0.078	2.905	0.112	9.288	0.007	9.327	0.013	9.367	0.035	9.396	0.051	9.396	0.051
2.959	0.154	3.000	0.143	3.027	0.127	3.057	0.121	9.438	0.067	9.471	0.073	9.494	0.073	9.523	0.073	9.523	0.073
3.088	0.094	3.121	0.078	3.155	0.073	3.186	0.056	9.533	0.073	9.608	0.073	9.67	0.062	9.687	0.056	9.687	0.056
3.244	0.018	3.254	0.018	3.281	-0.009	3.322	-0.014	9.733	0.040	9.765	0.035	9.802	0.013	9.851	-0.009	9.851	-0.009
3.377	-0.020	3.407	-0.042	3.458	-0.058	3.503	-0.065	9.910	-0.025	9.969	-0.036	10.022	-0.047	10.051	-0.053	10.051	-0.053
3.540	-0.085	3.568	-0.112	3.595	-0.134	3.619	-0.151	10.091	-0.053	10.127	-0.063	10.153	-0.069	10.179	-0.074	10.179	-0.074
3.659	-0.129	3.699	-0.091	3.745	-0.085	3.782	-0.080	10.221	-0.085	10.248	-0.058	10.345	-0.042	10.391	-0.042	10.391	-0.042
3.822	-0.069	3.859	-0.042	3.899	-0.014	3.942	-0.004	10.446	-0.025	10.505	0.002	10.554	0.029	10.605	0.045	10.605	0.045
3.985	0.024	4.062	0.029	4.102	0.056	4.132	0.089	10.652	0.045	10.688	0.062	10.734	0.073	10.790	0.073	10.790	0.073
4.175	0.122	4.218	0.116	4.265	0.105	4.295	0.105	10.835	0.056	10.875	0.056	10.914	0.051	10.960	0.045	10.960	0.045
4.328	0.105	4.355	0.105	4.385	0.105	4.422	0.105	11.002	0.035	11.038	0.029	11.058	0.024	11.078	0.007	11.078	0.007
4.462	0.094	4.485	0.078	4.519	0.045	4.556	0.024	11.104	-0.004	11.137	-0.014	11.176	-0.025	11.242	-0.036	11.242	-0.036
4.602	-0.009	4.636	-0.020	4.673	-0.047	4.720	-0.085	11.282	-0.042	11.321	-0.053	11.368	-0.063	11.404	-0.053	11.404	-0.053
4.767	-0.085	4.811	-0.085	4.861	-0.085	4.935	-0.085	11.547	-0.053	11.591	-0.053	11.542	-0.053	11.585	-0.053	11.585	-0.053
4.976	-0.085	5.003	-0.085	5.036	-0.085	5.080	-0.085	11.625	-0.031	11.664	-0.020	11.707	-0.014	11.747	-0.004	11.747	-0.004
5.124	-0.085	5.161	-0.063	5.191	-0.047	5.241	-0.004	11.796	0.013	11.839	0.029	11.878	0.035	11.911	0.035	11.911	0.035
5.294	0.024	5.348	0.045	5.411	0.056	5.428	0.056	11.964	0.045	12.050	0.051	12.050	0.051	12.050	0.051	12.050	0.051

12.125	0.062	12.148	0.062	12.188	0.062	12.221	0.051
12.264	0.035	12.308	0.024	12.374	0.024	12.397	0.018
12.431	-0.004	12.477	-0.014	12.537	-0.031	12.593	-0.036
12.670	-0.053	12.720	-0.063	12.787	-0.063	12.841	-0.047
12.894	-0.036	12.941	-0.031	13.004	-0.020	13.058	0.002
13.121	0.013	13.175	0.029	13.231	0.040	13.285	0.040
13.341	0.051	13.381	0.051	13.421	0.051	13.461	0.051
13.504	0.004	13.574	0.045	13.641	0.024	13.694	0.002
13.763	-0.004	13.833	-0.025	13.893	-0.047	13.946	-0.053
14.015	-0.053	14.059	-0.053	14.108	-0.053	14.175	-0.036
14.251	-0.031	14.317	-0.014	14.343	-0.009	14.413	0.002
14.465	0.018	14.515	0.029	14.558	0.029	14.598	0.029
14.627	0.040	14.674	0.051	14.700	0.051	14.713	0.051
14.743	0.051	14.793	0.045	14.846	0.035	14.898	0.024
14.938	0.024	14.981	0.018	15.018	0.002	15.060	-0.014
15.087	-0.020	15.123	-0.025	15.186	-0.031	15.279	-0.031
15.325	-0.042	15.362	-0.047	15.382	-0.047	15.441	-0.047
15.478	-0.042	15.547	-0.025	15.584	-0.020	15.627	-0.014

57.021. 3/22/57 1515PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL. UP

570 PCINTS 15.656 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0161 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.024	0.033	0.025	0.060	0.008	0.093	0.014	3.699	0.006	3.719	0.006	3.745	0.001	3.775	-0.016	3.869	0.034
0.015	0.015	0.146	0.015	0.162	0.021	0.189	0.021	3.789	-0.027	3.819	-0.010	3.845	0.012	3.869	0.034	3.869	0.034
0.027	0.027	0.246	0.016	0.266	0.005	0.282	-0.017	3.895	0.034	3.935	0.023	3.975	0.012	4.002	-0.016	4.002	-0.016
0.011	0.029	0.326	-0.011	0.343	-0.005	0.356	0.001	4.028	-0.027	4.052	-0.021	4.075	-0.021	4.098	-0.021	4.098	-0.021
0.007	0.037	0.413	0.018	0.433	0.018	0.429	0.007	4.128	0.010	4.155	-0.004	4.175	-0.004	4.202	-0.004	4.202	-0.004
-0.004	-0.004	0.459	-0.009	0.476	-0.003	0.496	-0.003	4.235	0.001	4.268	0.002	4.298	0.002	4.328	-0.009	4.328	-0.009
0.008	0.008	0.530	0.020	0.550	0.031	0.563	0.037	4.352	0.002	4.375	0.008	4.399	0.008	4.422	-0.003	4.422	-0.003
0.042	0.042	0.603	0.037	0.620	0.021	0.630	0.009	4.449	-0.020	4.465	-0.009	4.485	-0.009	4.509	-0.009	4.509	-0.009
0.004	0.004	0.660	-0.002	0.684	0.004	0.697	0.009	4.539	-0.009	4.569	-0.014	4.596	-0.014	4.616	-0.008	4.616	-0.008
0.020	0.020	0.731	0.031	0.748	0.047	0.765	0.064	4.649	-0.003	4.666	0.009	4.689	0.020	4.706	0.020	4.706	0.020
0.058	0.058	0.802	0.041	0.826	0.013	0.849	0.001	4.730	0.020	4.750	0.014	4.777	0.014	4.801	0.009	4.801	0.009
0.021	-0.021	0.890	-0.016	0.910	-0.005	0.927	-0.001	4.824	-0.013	4.841	-0.013	4.854	-0.007	4.871	-0.007	4.871	-0.007
0.006	0.006	0.964	0.0	0.974	0.0	0.998	-0.005	4.908	-0.002	4.929	0.009	4.972	0.009	4.989	0.004	4.989	0.004
-0.005	-0.005	1.025	-0.006	1.038	-0.006	1.052	-0.005	5.013	-0.007	5.040	-0.010	5.056	-0.007	5.080	-0.001	5.080	-0.001
0.005	0.005	1.093	0.022	1.113	0.022	1.123	0.027	5.110	0.016	5.137	0.010	5.161	0.021	5.191	0.027	5.191	0.027
0.038	0.038	1.160	0.038	1.177	0.044	1.200	0.027	5.214	0.005	5.244	0.005	5.271	0.005	5.301	0.006	5.301	0.006
0.010	0.010	1.254	0.016	1.257	0.016	1.284	0.015	5.328	-0.017	5.354	-0.028	5.374	-0.028	5.398	-0.012	5.398	-0.012
0.015	0.015	1.334	0.015	1.358	0.015	1.384	0.007	5.418	-0.012	5.438	-0.006	5.465	-0.001	5.488	-0.001	5.488	-0.001
-0.029	-0.029	1.431	-0.040	1.455	-0.035	1.485	-0.035	5.511	-0.006	5.535	-0.012	5.561	-0.012	5.578	0.010	5.578	0.010
-0.030	-0.030	1.535	-0.035	1.569	-0.036	1.616	0.003	5.601	0.010	5.628	0.016	5.658	0.016	5.685	-0.001	5.685	-0.001
0.041	0.041	1.665	0.063	1.679	0.058	1.702	0.052	5.711	-0.001	5.745	0.005	5.778	-0.012	5.808	-0.006	5.808	-0.006
0.030	0.030	1.738	0.030	1.775	0.030	1.814	0.035	5.841	-0.006	5.874	0.005	5.894	0.010	5.921	0.016	5.921	0.016
-0.004	-0.004	1.844	-0.026	1.858	-0.015	1.891	-0.010	5.961	-0.006	5.991	-0.006	6.018	-0.001	6.054	-0.001	6.054	-0.001
0.001	0.001	1.934	-0.005	1.957	-0.027	1.980	-0.038	6.081	-0.001	6.121	0.005	6.147	0.010	6.167	0.010	6.167	0.010
-0.033	-0.033	2.026	-0.016	2.053	-0.005	2.083	-0.005	6.193	0.010	6.216	0.005	6.246	0.005	6.269	-0.006	6.269	-0.006
-0.005	-0.005	2.142	0.011	2.165	0.028	2.189	0.050	6.298	-0.001	6.325	0.005	6.357	0.010	6.390	0.005	6.390	0.005
0.050	0.050	2.235	0.033	2.265	0.033	2.284	0.039	6.413	0.005	6.436	0.005	6.456	0.005	6.479	-0.001	6.479	-0.001
0.044	0.044	2.324	0.050	2.344	0.033	2.370	0.011	6.508	-0.001	6.561	0.010	6.561	0.010	6.587	0.016	6.587	0.016
0.0	0.0	2.413	-0.017	2.450	-0.017	2.476	-0.017	6.607	0.016	6.623	0.005	6.646	0.005	6.659	0.0	6.659	0.0
-0.039	-0.039	2.526	-0.056	2.549	-0.056	2.572	-0.050	6.692	-0.011	6.741	-0.017	6.741	-0.022	6.764	-0.022	6.764	-0.022
-0.039	-0.039	2.625	-0.023	2.648	-0.006	2.679	0.016	6.777	-0.017	6.797	-0.011	6.823	-0.006	6.849	-0.011	6.849	-0.011
0.027	0.027	2.736	0.033	2.767	0.049	2.790	0.038	6.885	-0.011	6.915	0.0	6.951	0.0	6.967	0.0	6.967	0.0
-0.034	-0.034	2.861	0.005	2.888	-0.012	2.922	-0.028	6.993	0.006	7.023	0.006	7.046	0.006	7.072	0.006	7.072	0.006
-0.022	-0.022	2.986	-0.034	3.020	-0.034	3.047	-0.034	7.108	0.0	7.131	-0.005	7.147	0.0	7.170	0.0	7.170	0.0
-0.028	-0.028	3.094	-0.023	3.121	-0.023	3.135	-0.022	7.190	0.0	7.220	0.006	7.239	0.0	7.266	-0.005	7.266	-0.005
0.039	0.039	3.203	0.005	3.227	0.039	3.247	0.039	7.292	-0.022	7.319	-0.027	7.338	-0.022	7.358	-0.010	7.358	-0.010
0.039	0.039	3.305	0.022	3.326	0.011	3.353	0.005	7.388	0.001	7.411	0.001	7.450	0.012	7.450	0.023	7.450	0.023
0.022	0.022	3.411	0.028	3.435	0.017	3.462	-0.005	7.506	-0.023	7.539	0.034	7.569	0.029	7.605	0.023	7.605	0.023
-0.028	-0.028	3.516	-0.022	3.540	-0.016	3.564	-0.011	7.638	0.018	7.671	-0.007	7.704	-0.004	7.746	-0.014	7.746	-0.014
0.0	0.0	3.608	0.0	3.639	0.0	3.666	0.0	7.792	-0.015	7.831	-0.015	7.873	0.001	7.903	-0.004	7.903	-0.004

7.945	-0.004	7.994	0.002	8.030	0.002	8.066	0.013	14.928	-0.004	14.958	0.002	14.978	0.002	15.008	0.002
8.096	0.013	8.138	0.013	8.174	0.013	8.213	0.013	15.047	0.002	15.074	0.003	15.100	0.003	15.130	0.003
8.246	0.013	8.275	-0.003	8.298	-0.009	8.351	-0.009	15.156	-0.002	15.193	-0.002	15.236	-0.002	15.266	-0.002
8.390	-0.009	8.432	-0.015	8.468	-0.026	8.501	-0.020	15.305	-0.007	15.352	-0.006	15.385	-0.001	15.411	-0.001
8.537	-0.009	8.563	0.013	8.592	0.018	8.632	0.024	15.431	0.005	15.458	0.005	15.491	0.005	15.521	0.010
8.671	0.013	8.707	0.007	8.733	0.007	8.782	0.007	15.541	0.016	15.564	0.016	15.584	0.010	15.613	0.010
8.811	-0.004	8.867	-0.010	8.906	-0.021	8.939	-0.021	15.643	0.010	15.656	0.010				
8.968	-0.016	8.998	0.001	9.037	0.001	9.063	0.012								
9.112	0.012	9.155	0.012	9.190	0.012	9.216	-0.005								
9.246	0.0	9.265	0.006	9.292	0.0	9.311	-0.011								
9.334	-0.011	9.350	-0.016	9.393	-0.016	9.429	-0.028								
9.442	-0.033	9.474	-0.033	9.500	-0.033	9.530	-0.017								
9.553	-0.011	9.569	0.011	9.598	0.011	9.624	0.016								
9.657	0.016	9.696	0.016	9.724	0.011	9.769	0.005								
9.805	-0.001	9.821	-0.001	9.841	-0.012	9.880	-0.012								
9.917	-0.012	9.949	-0.012	9.979	-0.012	10.012	-0.012								
10.051	-0.006	10.094	-0.001	10.114	0.010	10.159	0.010								
10.195	0.010	10.238	0.010	10.261	-0.006	10.287	-0.006								
10.329	0.006	10.371	-0.006	10.398	-0.012	10.430	-0.017								
10.466	-0.012	10.515	-0.006	10.531	-0.001	10.548	0.005								
10.574	0.005	10.606	0.005	10.652	0.005	10.678	0.010								
10.701	-0.001	10.721	-0.006	10.747	-0.017	10.773	-0.012								
10.806	-0.006	10.835	-0.012	10.862	-0.023	10.888	-0.023								
10.907	-0.023	10.937	-0.017	10.966	-0.012	10.993	-0.006								
11.022	-0.006	11.055	-0.006	11.087	-0.001	11.117	0.005								
11.150	0.022	11.179	0.016	11.209	0.010	11.242	0.005								
11.259	-0.006	11.282	-0.006	11.308	-0.001	11.328	-0.001								
11.358	-0.001	11.384	-0.001	11.414	-0.006	11.450	-0.006								
11.480	0.006	11.513	-0.001	11.549	0.005	11.579	0.005								
11.612	0.016	11.632	0.021	11.658	0.010	11.681	0.005								
11.707	-0.006	11.730	-0.012	11.760	-0.018	11.780	-0.018								
11.813	-0.023	11.839	-0.018	11.865	-0.012	11.888	-0.012								
11.911	-0.007	11.934	-0.007	11.967	-0.002	11.993	-0.002								
12.026	-0.002	12.053	-0.007	12.089	-0.007	12.118	0.004								
12.155	0.003	12.191	-0.008	12.221	-0.008	12.254	0.003								
12.284	-0.008	12.324	-0.008	12.354	-0.019	12.394	-0.014								
12.424	-0.003	12.460	-0.003	12.497	0.008	12.530	0.014								
12.567	0.002	12.607	0.002	12.640	-0.003	12.663	-0.003								
12.700	-0.009	12.720	-0.009	12.754	-0.009	12.780	-0.009								
12.817	-0.019	12.851	-0.008	12.884	-0.008	12.917	-0.008								
12.951	-0.002	12.988	0.009	13.011	0.009	13.048	0.009								
13.085	0.009	13.118	0.004	13.155	-0.007	13.181	-0.013								
13.218	-0.007	13.238	-0.007	13.265	-0.018	13.305	-0.018								
13.328	0.012	13.364	-0.012	13.394	-0.007	13.434	-0.001								
13.458	0.010	13.488	0.010	13.514	0.010	13.537	0.016								
13.564	0.016	13.597	0.016	13.631	0.005	13.661	-0.001								
13.694	-0.006	13.724	-0.012	13.763	-0.017	13.810	-0.012								
13.836	-0.012	13.873	-0.006	13.896	-0.006	13.926	-0.006								
13.952	-0.001	13.979	-0.001	14.009	0.005	14.039	-0.006								
14.075	-0.006	14.098	-0.006	14.118	-0.006	14.145	-0.006								
14.175	-0.006	14.201	-0.017	14.231	-0.012	14.264	-0.006								
14.290	-0.006	14.313	-0.006	14.340	-0.006	14.363	-0.006								
14.386	-0.006	14.422	-0.012	14.456	-0.006	14.479	-0.001								
14.505	0.005	14.535	0.005	14.571	0.005	14.604	0.005								
14.647	0.005	14.670	0.005	14.720	0.0	14.763	0.0								
14.806	-0.005	14.842	-0.016	14.882	-0.010	14.908	-0.004								

IV328

57.022. 3/22/57 1627PST SOUTHERN PACIFIC BLDG., BSMT., SAN FRANCISCO, CAL. N45E

498 PCINTS 26.256 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0056 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.019	0.030	0.012	0.055	0.0	0.076	-0.010	5.631	0.004	5.674	0.004	5.722	0.014	5.771	0.009	5.847	0.009
0.113	-0.002	0.116	0.003	0.134	0.010	0.162	0.006	5.847	0.009	5.917	-0.001	5.968	-0.006	6.008	-0.006	6.044	0.009
0.189	-0.002	0.223	-0.006	0.260	-0.006	0.294	-0.008	6.044	-0.007	6.096	-0.009	6.120	-0.002	6.171	0.006	6.222	0.006
0.309	-0.011	0.327	-0.021	0.370	-0.023	0.392	-0.010	6.222	0.006	6.255	0.004	6.285	-0.001	6.327	0.004	6.360	0.004
0.422	0.0	0.429	0.002	0.456	0.002	0.481	-0.002	6.360	0.004	6.410	0.009	6.443	0.006	6.485	0.001	6.530	-0.016
-0.010	0.006	0.545	-0.005	0.603	0.013	0.631	0.013	6.530	-0.004	6.560	-0.011	6.590	-0.014	6.630	-0.016	6.645	0.006
0.552	0.006	0.661	0.001	0.701	-0.009	0.744	0.006	6.645	-0.011	6.729	0.004	6.778	0.014	6.859	0.016	6.920	0.004
0.765	-0.001	0.790	-0.001	0.835	-0.009	0.866	-0.014	6.920	0.004	6.977	0.009	7.025	0.004	7.062	0.001	7.134	-0.004
0.893	-0.009	0.921	0.001	0.942	0.004	0.976	-0.001	7.134	-0.004	7.186	-0.002	7.219	-0.002	7.267	-0.006	7.343	-0.001
1.003	-0.008	1.019	-0.011	1.043	-0.008	1.071	-0.002	7.343	-0.001	7.397	-0.008	7.440	-0.006	7.491	0.002	7.534	0.0
1.113	0.010	1.138	0.006	1.156	0.003	1.184	-0.007	7.534	0.0	7.585	-0.003	7.667	-0.005	7.718	-0.009	7.763	-0.004
1.193	0.007	1.239	0.005	1.264	0.006	1.300	-0.003	7.763	-0.004	7.799	0.003	7.854	0.001	7.866	-0.001	7.914	0.006
1.340	-0.010	1.362	-0.012	1.399	-0.012	1.411	-0.007	7.914	0.006	7.968	0.001	8.026	0.016	8.071	0.011	8.119	0.004
1.451	0.003	1.472	0.011	1.507	0.021	1.537	0.016	8.119	0.004	8.164	0.012	8.204	0.002	8.252	0.004	8.325	0.007
1.561	-0.003	1.583	0.005	1.607	0.0	1.632	0.007	8.325	0.007	8.352	0.012	8.415	0.009	8.454	0.007	8.503	0.002
1.669	-0.002	1.705	-0.002	1.739	0.003	1.764	0.003	8.503	0.002	8.563	0.0	8.612	-0.005	8.657	-0.008	8.694	-0.005
1.782	0.001	1.840	-0.004	1.880	-0.008	1.893	-0.008	8.694	-0.005	8.779	-0.003	8.831	-0.008	8.883	-0.008	8.938	-0.003
1.951	0.002	1.985	0.002	2.015	-0.010	2.070	0.003	8.938	-0.003	8.971	0.002	9.039	0.002	9.075	0.0	9.127	-0.007
2.095	0.013	2.144	0.018	2.184	0.011	2.221	0.001	9.127	-0.007	9.189	-0.005	9.201	-0.005	9.238	-0.002	9.318	0.003
2.255	-0.006	2.320	-0.008	2.348	-0.005	2.375	-0.002	9.318	0.003	9.389	0.010	9.436	0.010	9.466	0.006	9.528	0.011
2.419	-0.005	2.446	-0.007	2.505	-0.004	2.520	-0.004	9.528	0.011	9.574	0.006	9.620	0.001	9.654	-0.001	9.683	0.004
2.548	-0.002	2.591	0.006	2.607	0.011	2.644	0.014	9.683	0.006	9.727	-0.011	9.755	-0.013	9.828	-0.003	9.848	-0.010
2.693	0.011	2.718	0.016	2.767	0.014	2.798	0.009	9.848	0.004	9.941	0.009	9.981	0.009	10.061	0.009	10.140	0.014
2.866	-0.001	2.903	-0.008	2.934	-0.010	2.959	-0.013	10.097	0.007	10.140	0.014	10.200	0.014	10.267	0.009	10.315	0.007
3.015	-0.003	3.061	0.005	3.095	0.002	3.147	0.005	10.315	0.007	10.361	0.002	10.400	0.002	10.470	0.014	10.540	0.009
3.228	-0.003	3.244	-0.003	3.304	-0.010	3.329	-0.005	10.540	0.009	10.576	0.009	10.649	0.0	10.685	-0.003	10.728	-0.008
3.365	-0.008	3.414	-0.010	3.462	-0.010	3.486	-0.005	10.728	-0.008	10.791	-0.008	10.861	-0.008	10.915	0.0	11.094	0.005
3.544	-0.005	3.544	-0.005	3.584	-0.008	3.623	-0.005	11.094	0.005	11.031	0.007	11.058	0.007	11.130	0.007	11.146	0.010
3.695	-0.003	3.695	-0.003	3.716	0.0	3.767	0.005	11.146	0.010	11.198	0.007	11.225	0.005	11.290	0.0	11.326	0.002
3.797	-0.002	3.824	-0.002	3.848	-0.010	3.893	-0.010	11.326	0.002	11.390	0.005	11.430	0.002	11.461	-0.002	11.513	0.005
3.939	-0.007	3.981	-0.007	4.038	-0.014	4.074	-0.014	11.513	0.005	11.567	0.013	11.629	0.008	11.694	0.0	11.728	0.0
4.113	0.001	4.156	0.001	4.219	-0.004	4.253	-0.008	11.728	0.0	11.789	0.005	11.870	0.006	11.919	0.001	12.043	0.001
4.295	-0.003	4.332	-0.001	4.389	-0.001	4.426	-0.003	12.043	0.001	12.093	0.001	12.073	0.006	12.129	0.011	12.196	0.008
4.465	-0.003	4.502	-0.005	4.517	-0.008	4.553	-0.010	12.196	0.008	12.242	0.008	12.282	0.001	12.324	0.006	12.361	0.008
4.608	-0.015	4.645	-0.008	4.684	0.0	4.724	0.002	12.361	0.008	12.410	0.006	12.453	0.001	12.502	-0.001	12.578	0.001
4.770	0.010	4.816	0.012	4.837	0.012	4.895	0.007	12.578	0.001	12.621	0.004	12.657	0.004	12.727	0.004	12.782	0.001
4.941	0.008	4.999	0.005	5.030	0.003	5.064	0.0	12.782	0.001	12.843	0.001	12.880	-0.004	12.910	-0.004	12.950	-0.004
5.103	-0.002	5.128	-0.004	5.174	-0.009	5.205	-0.014	12.950	-0.004	12.998	-0.004	13.059	-0.006	13.120	-0.001	13.228	0.006
5.248	-0.006	5.279	-0.006	5.309	0.004	5.346	0.006	13.228	0.006	13.280	0.004	13.314	0.001	13.363	-0.002	13.422	-0.004
5.438	0.006	5.454	0.006	5.491	0.002	5.540	0.004	13.422	-0.004	13.465	0.004	13.534	0.0	13.612	0.003	13.658	0.006

13.679	0.008	13.758	0.0	13.780	0.0	13.868	0.005
13.892	0.005	13.950	0.0	13.977	0.0	14.038	-0.002
14.090	-0.007	14.180	0.001	14.246	-0.002	14.306	-0.004
14.384	-0.003	14.456	-0.003	14.492	-0.003	14.513	-0.006
14.597	-0.006	14.726	-0.003	14.781	-0.003	14.856	0.0
14.925	0.002	14.973	0.005	15.033	0.002	15.057	0.002
15.123	0.0	15.217	0.0	15.262	0.005	15.283	0.002
15.325	0.0	15.379	0.005	15.421	0.0	15.496	0.002
15.565	-0.003	15.589	-0.005	15.640	-0.005	15.701	-0.003
15.746	0.002	15.792	0.0	15.846	0.0	15.928	0.0
15.997	0.002	16.037	0.002	16.079	0.005	16.185	0.003
16.257	0.003	16.350	0.001	16.425	0.001	16.522	-0.003
16.597	0.004	16.683	0.005	16.749	0.002	16.811	0.005
16.879	0.005	16.954	0.002	17.028	0.0	17.096	0.005
17.184	0.004	17.247	0.006	17.293	0.004	17.353	0.003
17.405	0.003	17.504	0.001	17.541	0.003	17.622	0.003
17.674	0.008	17.735	-0.002	17.832	-0.007	17.924	-0.006
17.951	-0.001	18.003	-0.004	18.067	-0.001	18.121	0.004
18.196	-0.001	18.310	-0.006	18.358	-0.003	18.481	-0.003
18.565	0.002	18.631	0.0	18.740	-0.003	18.809	-0.005
18.903	-0.005	18.975	0.002	19.114	0.004	19.202	0.001
19.268	-0.002	19.423	-0.005	19.496	-0.002	19.581	-0.005
19.701	0.0	19.785	0.003	19.887	-0.001	19.990	0.001
20.143	0.001	20.239	0.001	20.384	0.001	20.495	0.0
20.579	-0.001	20.673	-0.004	20.739	-0.002	20.812	-0.002
20.920	-0.005	21.014	-0.005	21.078	-0.006	21.160	-0.006
21.272	-0.002	21.330	0.001	21.394	0.004	21.506	0.0
21.552	0.002	21.600	-0.002	21.667	-0.004	21.756	-0.007
21.820	-0.004	21.926	-0.002	22.015	-0.007	22.103	0.001
22.167	0.001	22.189	0.001	22.292	0.001	22.353	-0.001
22.414	-0.001	22.500	-0.001	22.548	-0.001	22.619	0.002
22.649	0.002	22.707	-0.001	22.780	-0.003	22.841	-0.005
22.926	-0.001	23.000	0.002	23.045	0.006	23.085	0.009
23.137	0.004	23.207	0.003	23.259	0.003	23.301	-0.002
23.356	-0.003	23.356	-0.005	23.472	-0.006	23.515	-0.003
23.573	-0.001	23.656	-0.001	23.718	-0.002	23.783	-0.006
23.848	-0.006	23.951	-0.003	23.997	-0.005	24.115	-0.006
24.177	-0.006	24.307	-0.001	24.369	-0.001	24.419	-0.001
24.503	-0.001	24.614	-0.002	24.671	0.0	24.740	-0.005
24.800	0.0	24.887	-0.002	24.932	-0.005	25.001	-0.004
25.067	-0.002	25.148	-0.001	25.250	-0.003	25.322	-0.005
25.379	0.0	25.466	-0.004	25.538	-0.004	25.613	-0.003
25.680	-0.001	25.765	0.004	25.844	0.0	25.895	-0.003
25.935	-0.005	25.986	0.002	26.056	0.002	26.116	-0.003
26.195	-0.003	26.256	0.002				

579 POINTS 26.226 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0109 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.005	0.033	0.024	0.061	0.044	0.107	0.027	5.187	-0.020	5.217	-0.011	5.285	-0.006	5.331	-0.008
0.147	0.022	0.180	0.008	0.211	-0.002	0.245	-0.009	5.365	-0.003	5.420	0.004	5.457	0.009	5.482	0.012
0.279	-0.016	0.291	-0.021	0.303	-0.036	0.321	-0.048	5.537	-0.010	5.555	0.010	5.604	-0.003	5.662	-0.015
0.358	-0.064	0.410	-0.051	0.441	-0.046	0.487	-0.040	5.683	-0.017	5.707	-0.020	5.731	-0.020	5.774	-0.015
0.527	-0.013	0.542	-0.022	0.561	-0.041	0.573	0.068	5.816	0.005	5.856	0.005	5.920	0.002	5.947	0.002
0.634	0.090	0.634	0.090	0.649	0.075	0.671	0.072	5.974	0.005	6.011	0.005	6.047	0.002	6.083	0.007
0.595	0.067	0.710	0.052	0.744	0.037	0.756	0.040	6.110	0.010	6.143	0.010	6.161	0.015	6.185	0.007
0.768	0.005	0.781	-0.009	0.796	-0.022	0.833	-0.029	6.224	0.012	6.257	0.002	6.299	0.002	6.326	0.005
0.945	-0.037	0.878	-0.034	0.894	-0.020	0.918	0.0	6.347	0.005	6.377	0.005	6.413	0.002	6.470	-0.004
0.942	0.015	0.967	0.024	1.000	0.010	1.016	0.0	6.500	-0.010	6.548	-0.015	6.563	-0.020	6.614	-0.024
1.160	-0.017	1.196	-0.022	1.104	-0.015	1.147	-0.012	6.672	-0.022	6.711	-0.022	6.756	-0.007	6.796	-0.007
1.295	-0.015	1.322	-0.017	1.347	-0.022	1.381	-0.027	6.841	-0.004	6.880	-0.002	6.917	0.010	6.950	0.011
1.411	-0.007	1.445	-0.003	1.469	0.007	1.512	0.012	7.046	0.008	7.066	0.006	7.086	0.006	7.119	-0.004
1.537	0.017	1.565	0.007	1.604	0.002	1.641	-0.002	7.149	-0.008	7.183	-0.006	7.219	-0.003	7.264	-0.001
1.660	-0.005	1.700	-0.002	1.742	0.004	1.767	-0.003	7.307	-0.001	7.355	-0.001	7.373	-0.003	7.422	-0.003
1.792	-0.010	1.850	-0.003	1.871	-0.008	1.896	-0.012	7.467	0.002	7.509	0.007	7.561	0.005	7.615	-0.005
1.923	-0.012	1.960	-0.002	1.997	0.001	1.896	-0.012	7.639	-0.007	7.663	-0.010	7.715	-0.007	7.745	-0.003
2.074	0.017	2.117	0.019	2.142	0.020	2.049	0.017	7.792	-0.003	7.808	0.0	7.847	-0.003	7.893	-0.007
2.203	0.008	2.228	0.0	2.246	-0.012	2.271	-0.019	7.935	0.0	7.956	0.002	7.995	0.005	8.052	-0.005
2.296	-0.026	2.317	-0.028	2.348	-0.011	2.400	-0.006	8.104	0.007	8.146	0.003	8.185	0.003	8.210	0.003
2.416	-0.010	2.462	-0.022	2.524	-0.012	2.564	-0.005	8.249	0.005	8.279	0.008	8.339	0.008	8.406	0.006
2.504	0.008	2.626	0.008	2.678	0.021	2.718	0.021	8.472	0.008	8.512	0.004	8.557	0.001	8.630	-0.006
2.759	0.014	2.786	0.007	2.799	0.002	2.823	0.001	8.661	-0.011	8.715	-0.008	8.758	-0.006	8.804	-0.003
2.882	-0.008	2.925	0.007	2.944	0.009	2.981	-0.002	8.825	-0.006	8.865	-0.008	8.904	-0.003	8.956	0.001
3.037	0.017	3.086	0.010	3.119	0.009	3.159	0.004	9.002	0.006	9.045	0.002	9.106	-0.012	9.155	-0.005
3.207	-0.003	3.241	-0.003	3.280	-0.008	3.301	-0.011	9.202	0.003	9.257	0.002	9.322	-0.001	9.368	0.004
3.347	-0.016	3.371	-0.014	3.420	-0.021	3.453	-0.026	9.420	0.002	9.498	-0.003	9.547	-0.003	9.590	0.002
3.489	-0.022	3.538	-0.012	3.553	-0.007	3.577	0.0	9.626	0.002	9.654	0.0	9.688	-0.003	9.758	0.001
3.619	0.007	3.640	0.014	3.686	0.016	3.713	0.021	9.813	-0.006	9.862	-0.006	9.905	-0.008	9.948	-0.010
3.749	0.021	3.809	0.017	3.845	0.009	3.875	0.002	10.018	0.002	10.091	-0.002	10.161	0.001	10.197	0.001
3.881	0.002	3.914	0.002	3.962	0.010	4.001	0.001	10.267	0.006	10.324	0.004	10.361	0.004	10.430	0.007
4.050	-0.001	4.083	-0.004	4.119	-0.013	4.147	-0.010	10.485	0.007	10.515	0.007	10.558	0.007	10.594	0.005
4.174	-0.006	4.210	-0.003	4.241	0.007	4.280	0.007	10.764	-0.007	10.799	-0.002	10.756	-0.007	10.827	-0.004
4.329	0.009	4.356	0.016	4.398	0.009	4.441	-0.001	10.864	0.001	10.927	-0.004	10.982	0.001	11.021	0.003
4.496	-0.011	4.526	-0.019	4.562	-0.029	4.599	-0.031	11.100	0.008	11.155	0.008	11.220	0.001	11.284	0.005
4.645	-0.029	4.678	-0.027	4.727	-0.027	4.758	-0.010	11.363	0.007	11.400	0.005	11.467	0.007	11.522	0.002
4.782	-0.001	4.819	0.014	4.874	0.016	4.905	0.016	11.543	-0.001	11.614	-0.004	11.636	0.006	11.676	0.009
4.948	0.028	4.969	0.028	5.006	0.023	5.049	0.016	11.688	0.009	11.731	0.011	11.771	0.016	11.836	0.011
5.076	0.009	5.107	0.004	5.138	-0.003	5.147	-0.011	11.861	0.004	11.932	-0.001	11.984	-0.001	12.037	0.001
								12.083	-0.001	12.153	-0.003	12.193	-0.005	12.230	0.0

12.312	0.005	12.337	0.002	12.401	-0.003	12.444	0.0
12.484	0.002	12.545	0.010	12.627	0.037	12.676	0.008
12.715	0.003	12.740	-0.002	12.804	0.0	12.834	0.001
12.877	0.001	12.919	0.001	12.956	-0.004	13.014	-0.006
13.071	0.0	13.105	0.002	13.148	0.003	13.182	0.003
13.268	0.006	13.330	0.006	13.385	0.006	13.425	0.002
13.475	0.002	13.545	-0.003	13.600	0.002	13.655	0.010
13.698	0.005	13.740	0.005	13.792	0.005	13.828	0.005
13.865	0.004	13.904	0.002	13.935	0.007	13.974	0.002
14.023	0.004	14.056	0.004	14.116	0.001	14.152	0.001
14.194	0.001	14.230	0.003	14.285	0.003	14.360	0.003
14.408	0.003	14.477	0.001	14.504	-0.002	14.561	0.001
14.588	0.001	14.651	0.001	14.696	0.004	14.759	0.004
14.789	0.004	14.816	-0.003	14.904	0.007	14.961	0.007
15.063	0.001	15.069	0.001	15.117	-0.001	15.186	-0.004
15.246	-0.002	15.345	0.001	15.408	-0.004	15.489	-0.004
15.544	-0.003	15.565	-0.003	15.652	0.005	15.731	0.004
15.788	0.002	15.861	0.0	15.900	0.005	15.961	0.005
16.009	0.003	16.061	0.004	16.118	-0.002	16.175	-0.005
16.248	-0.003	16.284	0.0	16.383	-0.002	16.431	0.0
16.513	0.0	16.585	0.007	16.626	0.004	16.671	0.004
16.700	-0.001	16.766	-0.001	16.831	0.0	16.870	0.002
16.911	0.003	16.959	0.003	17.024	-0.001	17.086	0.002
17.120	0.002	17.214	0.0	17.256	0.0	17.287	-0.003
17.323	0.0	17.389	-0.005	17.465	-0.005	17.513	-0.006
17.571	-0.006	17.628	-0.001	17.683	-0.002	17.741	-0.002
17.811	0.0	17.866	0.002	17.902	0.002	17.954	0.002
17.994	0.002	18.033	0.002	18.067	-0.006	18.100	0.002
18.133	0.001	18.163	-0.006	18.214	-0.002	18.252	-0.002
18.310	-0.004	18.343	-0.007	18.406	-0.010	18.478	-0.012
18.535	-0.007	18.574	-0.005	18.619	-0.002	18.679	0.0
18.715	0.005	18.770	0.008	18.839	0.003	18.863	-0.002
18.908	-0.002	18.930	0.001	18.975	0.006	19.014	-0.001
19.080	0.004	19.135	0.002	19.217	0.002	19.290	0.0
19.374	-0.005	19.444	-0.007	19.520	-0.003	19.598	0.0
19.686	0.002	19.776	-0.003	19.827	0.002	19.923	0.0
19.995	-0.003	20.049	0.0	20.134	0.002	20.191	0.005
20.263	-0.005	20.344	-0.005	20.398	-0.005	20.489	0.0
20.549	0.0	20.603	-0.003	20.648	-0.005	20.745	0.0
20.799	-0.003	20.866	-0.003	20.926	-0.005	20.960	-0.003
21.047	0.001	21.105	-0.001	21.141	-0.003	21.169	-0.001
21.242	0.001	21.284	0.001	21.363	-0.007	21.427	-0.008
21.497	-0.006	21.552	-0.003	21.625	-0.006	21.731	-0.004
21.747	-0.002	21.802	-0.007	21.929	-0.007	21.924	-0.007
21.994	-0.010	22.030	-0.005	22.082	-0.005	22.085	-0.005
22.140	-0.005	22.192	-0.005	22.219	-0.005	22.277	-0.005
22.296	-0.005	22.353	0.003	22.384	0.003	22.448	0.003
22.521	0.001	22.542	-0.001	22.603	-0.003	22.661	-0.006
22.704	0.0	22.768	0.0	22.805	-0.005	22.878	-0.001
22.921	0.001	22.988	0.003	23.046	0.001	23.140	0.002
23.201	0.0	23.265	-0.002	23.311	0.003	23.375	0.004
23.436	0.001	23.506	0.006	23.533	0.001	23.592	0.001
23.626	0.001	23.666	-0.002	23.710	-0.002	23.747	-0.002
23.812	0.001	23.880	0.002	23.920	0.003	23.992	-0.002
24.038	-0.001	24.069	-0.001	24.128	-0.002	24.193	-0.002
24.234	0.002	24.252	0.002	24.314	0.002	24.339	-0.003

IV328

57.022. 3/22/57 1627PST SOUTHERN PACIFIC BLDG., 8SMT., SAN FRANCISCO, CAL. UP

623 POINTS 26.219 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0064 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.003	0.030	0.008	0.064	-0.006	0.098	0.006	4.831	-0.012	4.883	-0.007	4.932	-0.007	4.966	-0.002	5.007	0.008	5.038	0.003
0.134	0.016	0.165	0.006	0.187	-0.003	0.220	-0.015	4.981	-0.002	5.027	0.003	5.061	0.010	5.079	0.008	5.107	0.006	5.184	0.003
0.257	0.002	0.254	0.015	0.331	0.015	0.346	0.005	5.107	0.008	5.131	0.008	5.162	0.006	5.184	0.003	5.236	0.006	5.282	-0.007
0.374	-0.005	0.420	0.003	0.450	0.008	0.496	0.004	5.214	0.011	5.236	0.006	5.260	-0.002	5.282	0.007	5.365	0.008	5.408	0.0
0.515	-0.004	0.542	-0.008	0.576	0.007	0.607	0.026	5.322	0.001	5.365	0.008	5.383	0.003	5.408	0.0	5.482	0.003	5.548	0.005
0.652	0.017	0.668	0.017	0.689	0.012	0.713	-0.002	5.448	0.008	5.482	0.003	5.519	0.003	5.548	0.005	5.601	0.010	5.628	0.005
0.747	0.013	0.778	0.018	0.820	0.008	0.836	-0.002	5.568	0.008	5.601	0.010	5.628	0.005	5.653	0.005	5.701	0.009	5.738	0.002
0.863	0.008	0.900	-0.002	0.942	0.003	0.967	0.011	5.665	0.007	5.701	0.009	5.738	0.002	5.780	-0.003	5.859	-0.008	5.892	-0.006
1.004	0.020	1.031	0.013	1.058	0.001	1.086	-0.002	5.813	-0.006	5.859	-0.008	5.892	-0.008	5.929	-0.006	6.017	0.003	6.047	0.001
1.108	-0.007	1.129	0.001	1.157	0.008	1.187	0.006	5.983	-0.001	6.017	0.004	6.047	0.003	6.092	0.001	6.185	0.006	6.197	0.001
1.203	-0.004	1.227	-0.011	1.252	0.003	1.273	0.013	6.137	0.001	6.185	0.006	6.197	0.001	6.221	-0.002	6.308	-0.001	6.377	-0.004
1.289	0.023	1.316	0.011	1.335	0.001	1.359	0.003	6.248	-0.006	6.308	-0.001	6.353	-0.004	6.377	-0.004	6.458	-0.008	6.509	-0.003
1.387	0.011	1.411	0.003	1.439	-0.009	1.470	-0.007	6.398	-0.004	6.458	-0.008	6.509	-0.003	6.554	0.002	6.617	-0.003	6.657	0.009
1.522	0.004	1.534	0.008	1.562	0.003	1.592	0.011	6.584	0.002	6.617	-0.003	6.657	0.009	6.699	0.0	6.726	-0.002	6.784	-0.002
1.617	0.016	1.651	0.008	1.693	0.018	1.709	0.013	6.847	-0.003	6.880	-0.005	6.920	-0.002	6.968	-0.007	6.968	-0.007	7.062	-0.004
1.733	0.006	1.764	0.008	1.785	0.006	1.822	-0.006	7.004	-0.007	7.025	-0.012	7.062	-0.004	7.107	-0.007	7.158	-0.004	7.216	0.001
1.844	-0.013	1.868	-0.009	1.890	0.002	1.924	-0.008	7.158	-0.004	7.173	-0.003	7.216	0.001	7.270	0.008	7.304	0.013	7.388	-0.002
1.951	-0.003	1.973	0.002	2.012	-0.007	2.037	-0.005	7.494	-0.005	7.527	-0.005	7.570	-0.007	7.588	-0.002	7.645	-0.007	7.684	-0.002
2.071	0.005	2.089	0.013	2.111	0.020	2.148	0.028	7.781	0.002	7.832	0.007	7.859	0.002	7.884	0.002	7.917	0.012	8.007	0.014
2.163	0.028	2.154	0.015	2.213	0.016	2.243	0.011	8.083	0.006	8.119	0.009	8.164	0.004	8.210	0.009	8.252	-0.001	8.336	0.001
2.290	0.006	2.330	0.008	2.367	0.006	2.394	-0.004	8.397	0.006	8.439	0.001	8.481	-0.006	8.512	-0.003	8.551	-0.001	8.636	0.005
2.419	-0.009	2.453	-0.004	2.468	0.001	2.490	0.006	8.697	0.007	8.722	0.007	8.746	0.002	8.773	0.0	8.822	0.008	8.905	0.005
2.527	0.016	2.567	0.014	2.626	0.028	2.663	0.021	8.962	0.0	9.017	0.005	9.042	0.003	9.060	-0.002	9.106	0.003	9.162	0.0
2.691	0.028	2.728	0.028	2.743	0.023	2.777	0.016	9.208	0.0	9.245	-0.002	9.285	0.0	9.307	0.0	9.350	-0.008	9.405	0.004
2.824	0.020	2.845	0.010	2.864	0.0	2.888	-0.007	9.473	0.004	9.504	-0.006	9.519	-0.006	9.536	-0.004	9.571	0.004	9.630	-0.001
2.904	-0.017	2.929	-0.027	2.972	-0.013	3.009	-0.001	9.688	-0.001	9.712	-0.003	9.764	-0.001	9.789	-0.008	9.838	-0.001	9.923	0.006
3.028	0.004	3.071	0.011	3.101	0.015	3.140	0.015	10.030	-0.001	10.055	-0.001	10.127	0.004	10.143	-0.001	10.249	-0.004	10.297	0.002
3.162	0.022	3.215	0.027	3.253	0.022	3.295	0.010	10.212	-0.003	10.249	-0.004	10.297	0.002	10.324	-0.003	10.358	-0.003	10.421	0.0
3.323	0.008	3.356	-0.002	3.377	-0.007	3.401	-0.012	10.358	-0.003	10.388	-0.002	10.421	0.0	10.461	0.005	10.495	-0.005	10.536	0.004
3.432	-0.024	3.462	-0.019	3.489	-0.011	3.523	-0.014	10.495	-0.005	10.536	-0.006	10.572	-0.004	10.606	-0.003	10.640	-0.003	10.674	-0.003
3.550	0.004	3.580	0.004	3.619	0.001	3.655	0.014	10.674	-0.003	10.708	-0.002	10.742	-0.001	10.776	-0.001	10.810	-0.001	10.844	-0.001
3.683	0.019	3.728	0.016	3.764	0.023	3.800	0.019	10.844	-0.001	10.878	-0.001	10.912	-0.001	10.946	-0.001	10.980	-0.001	11.014	-0.001
3.817	-0.008	3.854	0.009	3.887	0.001	3.926	-0.003	11.014	-0.001	11.048	-0.001	11.082	-0.001	11.116	-0.001	11.150	-0.001	11.184	-0.001
3.917	-0.008	3.935	-0.013	3.968	-0.021	3.992	-0.016	11.184	-0.001	11.218	-0.001	11.252	-0.001	11.286	-0.001	11.320	-0.001	11.354	-0.001
4.019	-0.007	4.049	0.005	4.092	0.010	4.125	0.003	11.354	-0.001	11.388	-0.001	11.422	-0.001	11.456	-0.001	11.490	-0.001	11.524	-0.001
4.165	0.002	4.198	0.010	4.247	0.007	4.295	0.002	11.524	-0.001	11.558	-0.001	11.592	-0.001	11.626	-0.001	11.660	-0.001	11.694	-0.001
4.310	0.002	4.344	-0.008	4.371	-0.008	4.404	-0.003	11.694	-0.001	11.728	-0.001	11.762	-0.001	11.796	-0.001	11.830	-0.001	11.864	-0.001
4.444	-0.006	4.480	-0.003	4.523	0.006	4.544	0.009	11.864	-0.001	11.898	-0.001	11.932	-0.001	11.966	-0.001	12.000	-0.001	12.034	-0.001
4.596	0.011	4.623	0.007	4.654	-0.001	4.694	-0.003	12.034	-0.001	12.068	-0.001	12.102	-0.001	12.136	-0.001	12.170	-0.001	12.204	-0.001
4.709	-0.005	4.749	-0.003	4.776	-0.003	4.801	-0.007	12.204	-0.001	12.238	-0.001	12.272	-0.001	12.306	-0.001	12.340	-0.001	12.374	-0.001

10.506	-0.002	10.543	0.008	10.576	0.005	10.615	0.003	10.821	-0.010	20.884	-0.010	20.935	-0.008	21.002	-0.006
10.640	0.003	10.700	0.008	10.724	0.006	10.761	0.003	21.071	-0.006	21.160	-0.005	21.190	-0.005	21.257	0.006
10.809	0.001	10.858	-0.004	10.891	0.003	10.940	-0.002	21.312	-0.003	21.363	-0.003	21.424	-0.003	21.497	-0.001
11.000	0.001	11.043	-0.002	11.100	0.003	11.171	-0.005	21.573	-0.004	21.661	-0.004	21.704	0.001	21.759	-0.002
11.201	-0.005	11.253	-0.002	11.293	-0.002	11.326	0.005	21.820	-0.004	21.863	-0.004	21.942	-0.005	22.024	-0.005
11.333	0.003	11.366	0.002	11.418	0.005	11.470	0.0	22.119	-0.003	22.158	-0.003	22.216	-0.006	22.292	-0.004
11.507	-0.003	11.522	-0.005	11.568	-0.008	11.611	-0.005	22.378	-0.001	22.390	-0.001	22.430	-0.006	22.488	-0.002
11.645	0.0	11.679	0.002	11.697	-0.003	11.765	0.005	22.558	-0.004	22.655	0.001	22.695	-0.002	22.783	-0.002
11.812	0.003	11.864	0.0	11.913	-0.004	11.944	-0.007	22.872	0.003	22.911	0.003	22.975	0.004	23.039	-0.001
11.981	-0.009	12.031	-0.004	12.062	-0.002	12.092	-0.004	23.110	-0.006	23.198	-0.006	23.253	0.002	23.302	0.0
12.129	-0.001	12.175	0.002	12.196	-0.001	12.211	0.002	23.369	-0.003	23.466	-0.003	23.515	-0.003	23.567	0.0
12.233	0.004	12.294	0.0	12.331	0.005	12.380	0.005	23.626	-0.003	23.660	-0.003	23.741	-0.003	23.821	0.0
12.459	0.006	12.499	0.004	12.523	0.001	12.545	0.001	23.883	0.0	23.958	0.005	24.017	0.005	24.100	0.003
12.609	0.001	12.654	0.002	12.682	0.002	12.721	-0.005	24.169	-0.002	24.224	0.003	24.308	0.003	24.395	0.005
12.752	-0.003	12.791	0.004	12.849	-0.003	12.910	-0.001	24.469	0.005	24.541	-0.003	24.577	-0.003	24.637	-0.001
12.959	0.002	12.983	0.002	13.035	0.011	13.065	0.011	24.715	0.0	24.760	0.002	24.832	-0.001	24.944	-0.001
13.130	0.011	13.176	0.006	13.232	0.011	13.265	0.001	25.019	-0.004	25.106	-0.002	25.163	0.001	25.226	0.008
13.318	0.003	13.336	0.003	13.376	-0.005	13.432	0.0	25.274	0.003	25.349	-0.002	25.391	-0.009	25.504	-0.005
13.444	0.0	13.493	0.007	13.552	-0.001	13.612	-0.004	25.637	0.006	25.765	-0.006	25.850	-0.006	25.950	-0.007
13.634	-0.001	13.673	0.003	13.731	0.0	13.764	-0.002	26.092	-0.007	26.195	-0.007	26.219	-0.004		
13.813	-0.008	13.840	-0.010	13.880	-0.008	13.938	-0.001								
13.977	-0.001	14.008	-0.001	14.032	0.004	14.086	0.001								
14.146	-0.004	14.182	-0.007	14.215	-0.007	14.266	-0.007								
14.296	-0.009	14.348	-0.009	14.366	-0.014	14.414	-0.004								
14.492	-0.004	14.516	-0.004	14.543	-0.004	14.576	-0.002								
14.615	-0.007	14.665	-0.004	14.720	-0.007	14.780	-0.002								
14.819	-0.009	14.861	0.0	14.910	-0.005	14.940	-0.002								
14.994	-0.002	15.021	-0.002	15.078	-0.005	15.117	-0.007								
15.153	-0.010	15.219	-0.005	15.279	-0.005	15.354	-0.010								
15.390	-0.003	15.408	-0.005	15.462	-0.010	15.489	-0.010								
15.577	-0.007	15.601	-0.005	15.652	-0.005	15.722	-0.005								
15.782	0.0	15.816	-0.002	15.852	-0.005	15.900	-0.002								
15.976	-0.007	16.061	0.001	16.085	-0.004	16.124	0.003								
16.157	0.001	16.193	-0.004	16.241	-0.004	16.278	-0.007								
16.332	-0.002	16.398	0.001	16.449	-0.004	16.497	-0.004								
16.549	0.001	16.611	0.001	16.683	-0.002	16.748	-0.004								
16.772	-0.002	16.837	-0.007	16.891	-0.002	16.944	0.001								
16.983	0.001	17.021	0.003	17.069	-0.002	17.093	-0.002								
17.123	-0.004	17.195	-0.002	17.281	-0.004	17.332	-0.007								
17.392	-0.007	17.453	0.001	17.510	-0.002	17.528	-0.007								
17.592	-0.004	17.644	0.001	17.680	-0.001	17.741	-0.004								
17.772	-0.004	17.835	-0.001	17.887	-0.004	17.906	-0.003								
17.957	-0.001	17.979	-0.003	18.033	-0.003	18.070	-0.003								
18.121	-0.003	18.154	-0.003	18.208	0.0	18.289	-0.005								
18.325	0.0	18.364	0.003	18.421	-0.002	18.484	0.001								
18.528	-0.002	18.577	-0.002	18.601	0.001	18.637	0.003								
18.709	0.006	18.742	0.006	18.776	0.008	18.827	0.006								
18.902	0.003	18.951	-0.002	19.020	-0.002	19.026	-0.002								
19.083	-0.002	19.105	-0.002	19.159	-0.002	19.220	-0.002								
19.280	0.003	19.290	0.003	19.341	-0.002	19.356	0.007								
19.447	0.004	19.505	0.002	19.559	-0.001	19.640	-0.004								
19.728	0.001	19.788	0.001	19.836	-0.002	19.899	-0.004								
19.965	-0.007	19.992	-0.004	20.037	0.003	20.089	-0.002								
20.158	0.001	20.197	-0.004	20.236	-0.002	20.314	0.001								
20.359	0.006	20.428	-0.002	20.489	-0.004	20.558	-0.004								
20.615	-0.004	20.676	-0.004	20.709	-0.004	20.793	-0.007								

IV329

57.023. 3/18/57 1056PST NAVY RESEARCH & EVALUATION LAB., PORT HUENEME, CAL. SOUTH

1918 POINTS 68.955 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0975 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.883	0.034	-0.641	0.068	-0.352	0.083	-0.049	2.899	0.099	2.918	0.127	2.928	0.133	2.950	0.114				
0.102	0.130	0.131	0.309	0.151	0.442	0.165	0.615	2.985	0.054	3.012	-0.007	3.034	-0.048	3.064	-0.097				
0.177	0.829	0.194	1.140	0.204	1.344	0.216	1.502	3.089	-0.123	3.091	-0.125	3.114	-0.099	3.139	-0.050				
0.226	1.599	0.241	1.673	0.253	1.701	0.262	1.709	3.156	-0.028	3.191	-0.039	3.220	-0.021	3.245	0.002				
0.275	1.664	0.294	1.554	0.309	1.343	0.345	0.868	3.270	-0.017	3.290	-0.036	3.305	-0.043	3.324	-0.017				
0.362	0.505	0.374	0.009	0.386	-0.347	0.406	-0.724	3.349	0.082	3.369	0.158	3.381	0.186	3.399	0.190				
0.423	-0.951	0.440	-1.071	0.464	-1.186	0.477	-1.218	3.416	0.166	3.433	0.136	3.448	0.132	3.468	0.154				
0.489	-1.171	0.498	-1.048	0.511	-0.836	0.523	-0.495	3.488	0.173	3.493	0.175	3.505	0.162	3.527	0.121				
0.535	0.027	0.552	0.202	0.577	0.226	0.594	0.262	3.557	0.052	3.577	0.007	3.599	-0.030	3.619	-0.060				
0.613	0.288	0.628	0.264	0.642	0.131	0.662	-0.044	3.639	-0.079	3.661	-0.086	3.678	-0.108	3.698	-0.151				
0.684	-0.232	0.696	-0.307	0.725	-0.326	0.752	-0.307	3.718	-0.205	3.735	-0.244	3.747	-0.263	3.757	-0.267				
0.774	-0.272	0.794	-0.180	0.808	-0.095	0.833	-0.016	3.767	-0.248	3.777	-0.183	3.794	-0.080	3.809	0.037				
0.847	0.039	0.877	0.079	0.896	0.162	0.908	0.198	3.826	0.125	3.841	0.184	3.851	0.190	3.869	0.154				
0.920	0.133	0.935	0.006	0.950	-0.162	0.964	-0.401	3.896	-0.126	3.918	0.113	3.942	0.082	3.966	0.061				
0.979	-0.453	0.996	-0.393	1.013	-0.196	1.028	-0.069	3.986	-0.053	3.995	-0.058	4.015	-0.028	4.036	-0.010				
1.042	0.009	1.057	0.071	1.077	0.125	1.094	0.134	4.058	0.119	4.077	0.139	4.089	0.134	4.106	0.095				
1.106	0.121	1.123	0.162	1.140	0.201	1.147	0.209	4.126	0.039	4.145	-0.062	4.164	-0.142	4.175	-0.181				
1.155	0.192	1.169	0.143	1.184	0.104	1.213	0.065	4.198	-0.211	4.218	-0.258	4.234	-0.308	4.251	-0.398				
1.235	0.009	1.250	-0.112	1.267	-0.220	1.281	-0.286	4.271	-0.450	4.280	-0.459	4.295	-0.420	4.312	-0.316				
1.289	-0.302	1.306	-0.284	1.320	-0.207	1.335	-0.073	4.331	-0.219	4.350	-0.103	4.370	0.003	4.387	0.094				
1.355	0.055	1.369	0.109	1.384	0.085	1.403	0.007	4.401	0.145	4.418	0.163	4.447	0.132	4.475	0.091				
1.418	-0.029	1.433	-0.086	1.449	0.076	1.471	0.156	4.504	0.050	4.525	0.035	4.549	0.029	4.565	0.029				
1.483	0.163	1.500	0.115	1.527	-0.053	1.541	-0.087	4.587	0.053	4.606	0.096	4.627	0.154	4.646	0.206				
1.551	-0.089	1.568	-0.049	1.587	0.014	1.602	0.012	4.668	0.241	4.684	0.232	4.701	0.180	4.725	0.095				
1.619	-0.007	1.636	0.012	1.660	0.058	1.675	0.070	4.739	-0.022	4.751	-0.091	4.768	-0.146	4.789	-0.189				
1.694	0.042	1.723	-0.014	1.742	-0.033	1.759	-0.014	4.808	-0.208	4.827	-0.199	4.860	-0.145	4.884	-0.081				
1.776	0.081	1.793	0.144	1.815	0.164	1.842	0.179	4.908	-0.024	4.925	0.027	4.946	0.057	4.976	0.071				
1.861	0.172	1.880	0.151	1.902	0.103	1.929	0.041	4.991	0.096	5.017	0.127	5.033	0.127	5.043	0.107				
1.948	-0.020	1.962	-0.063	1.979	-0.101	2.008	-0.138	5.061	0.062	5.080	0.019	5.102	0.0	5.121	0.012				
2.031	-0.175	2.053	-0.190	2.067	-0.159	2.089	-0.093	5.139	0.034	5.158	0.032	5.168	0.013	5.194	-0.020				
2.108	0.0	2.132	0.056	2.141	0.056	2.158	0.011	5.213	-0.035	5.231	-0.042	5.248	-0.029	5.269	0.026				
2.175	-0.108	2.196	-0.164	2.208	-0.170	2.222	-0.144	5.291	0.103	5.314	0.185	5.333	0.209	5.347	0.213				
2.234	-0.067	2.256	-0.019	2.263	-0.015	2.284	-0.043	5.359	0.181	5.383	0.118	5.411	0.062	5.437	-0.002				
2.299	-0.097	2.318	-0.118	2.332	-0.107	2.356	-0.055	5.466	-0.052	5.492	-0.101	5.516	-0.125	5.523	0.030				
2.377	-0.014	2.399	0.050	2.420	0.117	2.432	0.141	5.535	-0.108	5.554	-0.063	5.578	-0.004	5.594	0.030				
2.447	0.143	2.464	0.118	2.483	0.064	2.507	0.072	5.613	0.037	5.632	0.026	5.651	0.017	5.678	0.017				
2.533	0.068	2.557	0.081	2.581	0.111	2.608	0.120	5.692	-0.002	5.716	-0.056	5.735	-0.032	5.747	-0.119				
2.627	0.107	2.656	0.103	2.673	0.098	2.694	0.062	5.761	-0.116	5.785	-0.084	5.804	-0.031	5.828	0.009				
2.714	-0.031	2.733	-0.126	2.759	-0.190	2.783	-0.221	5.847	0.024	5.868	0.018	5.887	0.022	5.908	0.033				
2.810	-0.234	2.831	-0.214	2.856	-0.104	2.877	0.025	5.911	0.037	5.928	0.011	5.944	-0.028	5.968	-0.101				

5.985	-0.149	6.002	-0.166	6.021	-0.172	6.030	-0.161	11.190	-0.023	11.219	-0.014	11.245	-0.010	11.266	-0.005
6.052	-0.101	6.078	-0.024	6.093	0.030	6.126	0.089	11.285	-0.014	11.311	-0.022	11.342	-0.014	11.361	-0.007
6.145	0.102	6.164	0.113	6.186	0.102	6.210	0.059	11.385	-0.005	11.409	-0.014	11.435	-0.022	11.454	-0.027
6.234	0.009	6.263	-0.049	6.284	-0.093	6.301	-0.110	11.470	-0.022	11.499	-0.009	11.525	-0.003	11.558	-0.034
6.318	-0.114	6.337	-0.093	6.358	-0.049	6.385	-0.013	11.593	-0.001	11.617	0.005	11.643	0.014	11.672	0.034
6.413	0.013	6.435	0.035	6.454	0.065	6.471	0.089	11.693	0.046	11.719	0.049	11.738	0.042	11.759	0.035
6.485	0.102	6.494	0.104	6.511	0.093	6.523	0.070	11.788	0.025	11.826	0.020	11.854	0.014	11.883	0.039
6.547	0.037	6.566	0.009	6.590	0.0	6.611	-0.008	11.899	0.005	11.920	0.001	11.944	-0.003	11.963	-0.010
6.638	-0.025	6.654	-0.040	6.671	-0.047	6.692	-0.042	11.985	-0.021	12.004	-0.034	12.020	-0.042	12.051	-0.049
6.712	-0.034	6.733	-0.030	6.740	-0.029	6.759	-0.045	12.080	-0.043	12.115	-0.032	12.144	-0.025	12.177	-0.019
6.783	-0.092	6.800	-0.105	6.817	-0.096	6.836	-0.051	12.203	-0.010	12.232	0.0	12.267	0.011	12.298	0.028
6.857	0.011	6.883	0.061	6.905	0.072	6.924	0.066	12.336	0.037	12.372	0.044	12.393	0.046	12.431	0.037
6.943	0.053	6.955	0.053	6.979	0.077	7.000	0.098	12.462	0.024	12.498	0.013	12.524	0.011	12.553	0.020
7.015	0.100	7.029	0.083	7.055	0.048	7.081	0.001	12.591	0.035	12.622	0.046	12.641	0.050	12.653	0.035
7.105	-0.051	7.132	-0.102	7.153	-0.120	7.172	-0.096	12.689	0.009	12.720	-0.027	12.744	-0.059	12.777	-0.092
7.196	-0.057	7.218	-0.016	7.239	0.012	7.263	0.031	12.803	-0.107	12.823	-0.104	12.863	-0.083	12.897	-0.065
7.284	0.046	7.294	0.044	7.318	0.029	7.337	0.001	12.920	-0.048	12.949	-0.050	12.988	-0.033	13.021	-0.012
7.358	-0.037	7.382	-0.066	7.416	-0.076	7.444	-0.065	13.053	0.038	13.081	0.056	13.108	0.064	13.142	0.056
7.475	-0.048	7.516	-0.024	7.542	0.006	7.571	0.023	13.168	0.043	13.187	0.039	13.216	0.054	13.245	0.059
7.509	0.025	7.644	0.021	7.695	0.015	7.704	0.033	13.267	0.048	13.293	0.028	13.315	0.009	13.368	-0.008
7.728	0.028	7.759	0.056	7.778	0.075	7.792	0.077	13.411	-0.016	13.454	-0.021	13.481	-0.029	13.513	-0.032
7.809	0.060	7.835	0.025	7.854	-0.011	7.883	-0.039	13.554	-0.027	13.583	-0.029	13.612	-0.038	13.639	-0.047
7.907	-0.065	7.930	-0.076	7.945	-0.076	7.964	-0.061	13.658	-0.049	13.692	-0.042	13.726	-0.031	13.757	-0.021
7.987	-0.024	8.009	0.028	8.032	0.071	8.054	0.088	13.794	-0.003	13.828	0.016	13.857	0.027	13.874	0.024
8.075	0.086	8.094	0.086	8.115	0.091	8.144	0.095	13.910	0.003	13.942	0.014	13.981	-0.019	14.020	-0.012
8.167	0.089	8.191	0.065	8.210	0.039	8.229	0.011	14.064	0.003	14.105	0.009	14.149	0.007	14.196	0.007
8.250	-0.019	8.276	-0.032	8.310	-0.040	8.336	-0.058	14.247	0.002	14.293	0.006	14.323	0.006	14.359	0.004
8.359	-0.092	8.385	-0.124	8.404	-0.142	8.423	-0.148	14.396	0.011	14.433	0.013	14.472	0.015	14.509	0.013
8.445	-0.129	8.470	-0.103	8.492	-0.086	8.515	-0.023	14.548	0.008	14.583	0.004	14.605	0.002	14.637	0.017
8.539	0.016	8.567	0.034	8.593	0.046	8.619	0.031	14.669	0.032	14.684	0.036	14.706	0.027	14.738	0.008
8.640	0.019	8.661	0.003	8.680	-0.012	8.696	-0.033	14.767	-0.013	14.787	-0.026	14.824	-0.040	14.856	-0.050
8.717	-0.063	8.734	-0.089	8.757	-0.104	8.774	-0.087	14.890	-0.050	14.920	-0.040	14.952	-0.018	14.989	0.008
8.795	-0.055	8.821	-0.022	8.840	0.008	8.863	0.026	15.029	0.030	15.064	0.043	15.108	0.043	15.140	0.030
8.885	0.043	8.903	0.045	8.925	0.036	8.951	0.024	15.180	0.013	15.220	-0.001	15.262	-0.020	15.301	-0.033
8.972	0.015	9.000	0.019	9.029	0.015	9.066	0.006	15.329	-0.037	15.361	-0.024	15.396	-0.002	15.433	0.032
9.102	-0.011	9.140	-0.030	9.168	-0.052	9.189	-0.062	15.465	-0.047	15.487	-0.043	15.523	0.019	15.548	0.002
9.199	-0.064	9.220	-0.053	9.246	-0.021	9.272	0.027	15.585	-0.030	15.607	-0.045	15.636	-0.047	15.681	-0.038
9.289	0.067	9.310	0.080	9.331	0.076	9.362	0.033	15.715	-0.021	15.749	-0.006	15.774	0.001	15.801	0.001
9.388	0.003	9.414	-0.025	9.438	-0.032	9.464	-0.023	15.830	-0.006	15.867	0.001	15.896	0.010	15.926	0.014
9.495	-0.001	9.533	0.008	9.566	0.005	9.599	0.021	15.960	0.003	16.003	-0.005	16.047	-0.005	16.095	-0.014
9.626	0.038	9.647	0.020	9.673	-0.008	9.699	-0.040	16.148	-0.020	16.173	-0.023	16.216	-0.029	16.238	-0.033
9.728	-0.053	9.756	-0.035	9.797	-0.005	9.832	0.010	16.267	-0.029	16.306	-0.012	16.335	0.014	16.361	0.040
9.875	0.017	9.901	0.030	9.930	0.036	9.942	0.017	16.388	0.053	16.400	0.055	16.422	0.045	16.448	0.025
9.961	-0.005	9.978	-0.025	9.994	-0.039	10.009	-0.044	16.470	0.001	16.494	-0.023	16.526	-0.037	16.540	-0.042
10.032	-0.031	10.059	-0.018	10.085	-0.009	10.128	-0.007	16.559	-0.044	16.584	-0.038	16.617	-0.029	16.649	-0.012
10.159	-0.001	10.192	0.006	10.218	0.015	10.264	0.021	16.666	-0.001	16.700	0.007	16.741	0.005	16.777	0.003
10.295	0.021	10.318	0.017	10.340	0.011	10.371	0.023	16.809	0.003	16.830	0.003	16.857	0.007	16.886	0.014
10.397	0.032	10.423	0.041	10.438	0.045	10.447	0.039	16.917	0.022	16.942	0.027	16.961	0.025	16.993	0.018
10.464	0.034	10.490	0.022	10.514	0.004	10.533	-0.007	17.017	0.007	17.041	-0.006	17.063	-0.008	17.092	0.001
10.559	-0.017	10.588	-0.017	10.619	-0.017	10.636	-0.019	17.121	0.012	17.165	0.025	17.192	0.031	17.223	0.033
10.657	-0.026	10.676	-0.036	10.695	-0.045	10.715	-0.047	17.255	0.025	17.274	0.016	17.311	0.001	17.340	-0.014
10.734	-0.032	10.758	-0.013	10.777	0.005	10.800	0.018	17.371	-0.029	17.400	-0.032	17.427	-0.032	17.456	-0.023
10.827	0.018	10.853	0.022	10.874	0.027	10.896	0.042	17.495	-0.010	17.531	0.001	17.562	0.001	17.594	-0.009
10.913	0.046	10.936	0.035	10.960	0.014	10.993	0.025	17.625	-0.020	17.662	-0.029	17.691	-0.031	17.739	-0.020
11.015	-0.042	11.038	-0.051	11.057	-0.044	11.088	-0.031	17.778	-0.005	17.814	0.012	17.845	0.030	17.872	0.030
11.117	-0.018	11.131	-0.012	11.152	-0.018	11.178	-0.021	17.906	0.015	17.942	-0.005	17.978	-0.026	18.007	-0.035

18.021	-0.031	18.052	-0.015	18.081	0.008	18.105	0.030	25.681	-0.020	25.721	-0.018	25.758	-0.012	25.786	-0.008
18.134	-0.039	18.156	-0.043	18.182	0.023	18.201	0.002	25.821	-0.004	25.848	0.001	25.890	0.005	25.928	0.013
18.228	-0.024	18.252	-0.039	18.276	-0.043	18.314	-0.030	25.970	0.020	26.000	0.026	26.028	0.026	26.063	0.019
18.345	-0.007	18.374	0.013	18.398	0.024	18.415	0.030	26.093	0.006	26.140	-0.007	26.190	-0.017	26.223	-0.015
18.441	-0.017	18.470	-0.002	18.492	-0.011	18.528	-0.024	26.280	-0.001	26.333	0.008	26.373	0.001	26.405	-0.016
18.559	-0.022	18.607	-0.022	18.650	-0.022	18.688	-0.024	26.441	0.012	26.486	0.008	26.521	0.001	26.559	-0.039
18.717	-0.026	18.750	-0.020	18.786	-0.007	18.822	0.012	26.594	-0.014	26.634	-0.012	26.675	-0.012	26.722	-0.012
18.851	-0.025	18.894	-0.032	18.923	-0.034	18.961	0.030	26.745	-0.010	26.793	-0.008	26.856	-0.008	26.903	-0.006
18.980	0.021	19.019	0.008	19.048	-0.001	19.074	-0.007	26.952	-0.008	26.997	-0.012	27.030	-0.014	27.063	-0.006
19.115	-0.001	19.153	0.010	19.184	0.014	19.223	0.004	27.132	0.002	27.185	0.009	27.231	0.017	27.281	0.020
19.264	-0.005	19.312	-0.011	19.357	-0.012	19.401	-0.009	27.322	0.021	27.375	0.019	27.413	0.021	27.454	0.023
19.439	-0.005	19.468	-0.001	19.494	-0.007	19.537	-0.016	27.501	0.017	27.537	0.008	27.583	0.007	27.616	-0.018
19.587	-0.022	19.632	-0.022	19.687	-0.020	19.726	-0.020	27.647	-0.028	27.694	-0.029	27.732	-0.022	27.778	-0.009
19.754	-0.016	19.781	-0.012	19.821	-0.016	19.859	-0.018	27.822	-0.001	27.866	-0.005	27.894	-0.009	27.933	-0.012
19.895	-0.020	19.926	-0.020	19.957	-0.012	19.985	-0.001	27.995	-0.007	28.092	-0.005	28.144	0.001	28.201	0.004
20.018	0.008	20.044	0.021	20.075	0.032	20.099	0.038	28.256	0.010	28.298	0.014	28.345	0.014	28.413	0.012
20.136	-0.032	20.165	0.027	20.191	0.014	20.221	-0.003	28.460	0.006	28.512	0.003	28.570	-0.003	28.628	-0.007
20.257	-0.014	20.295	-0.016	20.330	-0.014	20.370	-0.012	28.677	-0.014	28.714	-0.020	28.769	-0.023	28.814	-0.019
20.406	-0.012	20.443	-0.014	20.467	-0.011	20.500	-0.003	28.863	-0.012	28.908	-0.004	28.957	0.003	29.002	0.007
20.533	0.001	20.575	-0.005	20.606	-0.011	20.641	-0.018	29.064	0.003	29.095	0.001	29.134	0.002	29.181	0.002
20.672	-0.018	20.700	-0.009	20.738	-0.005	20.766	0.001	29.230	0.004	29.259	0.004	29.295	-0.004	29.316	-0.009
20.804	0.006	20.830	0.006	20.877	0.004	20.905	0.004	29.342	-0.019	29.363	-0.026	29.396	-0.033	29.435	-0.030
20.936	0.010	20.967	0.017	20.995	0.027	21.031	0.036	29.466	-0.022	29.507	-0.011	29.548	0.0	29.594	0.010
21.053	0.038	21.081	0.033	21.110	0.021	21.146	0.003	29.645	0.014	29.715	0.014	29.774	0.012	29.807	0.012
21.181	-0.014	21.210	-0.027	21.239	-0.027	21.270	-0.018	29.861	0.008	29.902	0.003	29.945	-0.001	29.989	-0.004
21.301	-0.010	21.334	-0.008	21.355	-0.019	21.394	-0.032	30.045	-0.004	30.078	-0.004	30.111	-0.004	30.141	-0.002
21.429	-0.049	21.458	-0.055	21.507	-0.045	21.548	-0.027	30.172	-0.002	30.210	0.0	30.246	-0.004	30.327	-0.007
21.577	-0.010	21.606	0.005	21.649	0.024	21.685	0.031	30.376	-0.012	30.427	-0.012	30.470	-0.008	30.508	-0.007
21.719	0.033	21.758	0.032	21.797	0.024	21.828	0.006	30.549	-0.003	30.589	0.001	30.615	0.003	30.650	0.009
21.864	-0.007	21.898	-0.017	21.927	-0.020	21.951	-0.013	30.676	0.013	30.722	0.015	30.757	0.007	30.803	-0.004
21.988	0.0	22.015	0.013	22.049	0.026	22.071	0.034	30.846	-0.011	30.892	-0.019	30.935	-0.015	30.965	-0.011
22.100	0.034	22.129	0.026	22.153	0.019	22.190	0.002	31.001	-0.009	31.036	-0.003	31.086	-0.005	31.142	-0.007
22.224	-0.013	22.246	-0.018	22.277	-0.024	22.304	-0.027	31.182	-0.012	31.212	-0.014	31.255	-0.010	31.298	-0.005
22.333	-0.029	22.365	-0.031	22.387	-0.033	22.421	-0.029	31.331	0.001	31.379	0.008	31.419	0.007	31.464	0.001
22.453	-0.020	22.480	-0.016	22.519	-0.012	22.550	-0.007	31.509	-0.006	31.533	-0.008	31.578	-0.006	31.620	0.0
22.587	0.001	22.628	0.016	22.655	0.027	22.682	0.032	31.678	0.011	31.717	0.017	31.769	0.015	31.827	0.007
22.721	0.030	22.753	0.025	22.789	0.019	22.823	0.004	31.874	0.0	31.926	0.009	31.968	-0.013	32.007	-0.013
22.853	-0.005	22.882	-0.014	22.916	-0.020	22.948	-0.011	32.053	-0.007	32.085	0.001	32.127	0.012	32.183	0.019
22.989	-0.003	23.038	0.008	23.084	0.016	23.123	0.014	32.203	0.018	32.242	0.016	32.279	0.012	32.318	0.007
23.162	0.016	23.194	0.014	23.223	0.012	23.258	0.014	32.357	-0.003	32.394	-0.012	32.428	-0.019	32.465	-0.029
23.306	0.010	23.331	0.003	23.362	-0.007	23.384	-0.014	32.509	-0.034	32.562	-0.034	32.587	-0.032	32.633	-0.025
23.423	-0.022	23.455	-0.033	23.494	-0.037	23.531	-0.037	32.672	-0.017	32.714	-0.010	32.767	-0.004	32.821	-0.002
23.570	-0.033	23.604	-0.027	23.638	-0.018	23.672	-0.005	32.862	0.002	32.911	0.006	32.972	0.010	33.004	0.011
23.711	-0.003	23.748	0.003	23.801	0.001	23.838	-0.003	33.043	0.013	33.082	0.011	33.133	0.010	33.165	0.006
23.892	-0.003	23.916	-0.005	23.950	-0.007	23.982	-0.007	33.211	0.002	33.245	-0.002	33.279	-0.005	33.313	-0.005
24.011	-0.005	24.033	-0.003	24.063	-0.001	24.117	-0.005	33.340	-0.002	33.374	0.004	33.416	0.010	33.445	0.013
24.129	-0.005	24.170	-0.003	24.205	0.001	24.251	0.008	33.472	0.013	33.498	0.010	33.530	0.004	33.567	0.0
24.283	0.014	24.322	0.019	24.361	0.023	24.395	0.021	33.608	0.0	33.642	0.0	33.679	0.0	33.708	-0.002
24.439	0.014	24.484	0.008	24.521	0.004	24.553	0.004	33.745	-0.004	33.781	-0.002	33.808	0.002	33.859	0.004
24.592	0.004	24.629	-0.001	24.669	-0.005	24.701	-0.012	33.894	-0.008	33.933	-0.010	33.977	0.008	34.026	0.006
24.738	-0.020	24.774	-0.025	24.806	-0.027	24.848	-0.020	34.068	0.002	34.105	-0.001	34.134	-0.003	34.176	-0.003
24.883	-0.011	24.922	-0.003	24.977	0.001	25.004	-0.003	34.205	-0.005	34.237	-0.007	34.284	-0.008	34.311	-0.008
25.039	-0.008	25.074	-0.010	25.114	-0.006	25.151	-0.003	34.343	-0.005	34.390	-0.001	34.429	0.001	34.461	-0.003
25.196	0.011	25.240	0.012	25.290	0.009	25.332	-0.002	34.505	0.003	34.527	-0.001	34.559	-0.001	34.605	0.001
25.372	-0.012	25.409	-0.017	25.452	-0.011	25.501	-0.006	34.640	0.007	34.669	0.010	34.701	0.014	34.735	-0.012
25.536	-0.004	25.569	-0.005	25.604	-0.013	25.646	-0.016	34.777	0.009	34.819	0.003	34.853	-0.003	34.890	-0.006

34.914	-0.008	34.944	-0.012	34.990	-0.012	35.021	-0.012	44.362	0.012	44.399	0.010	44.436	0.004	44.471	-0.003
35.068	-0.008	35.099	-0.005	35.141	-0.001	35.167	-0.001	44.515	-0.007	44.552	-0.011	44.587	-0.011	44.619	-0.007
35.204	-0.008	35.250	-0.010	35.291	-0.012	35.328	-0.010	44.649	-0.003	44.684	-0.004	44.733	-0.008	44.766	-0.010
35.362	-0.009	35.416	-0.007	35.457	-0.005	35.501	-0.005	44.805	0.012	44.835	0.012	44.870	0.010	44.904	0.006
35.538	-0.001	35.567	0.005	35.612	0.006	35.643	0.006	44.942	0.004	44.977	0.003	45.014	0.003	45.052	0.001
35.685	-0.010	35.719	0.014	35.759	0.016	35.808	0.014	45.082	-0.001	45.112	-0.001	45.147	-0.003	45.199	-0.003
35.844	-0.010	35.879	0.007	35.920	0.001	35.947	-0.003	45.244	-0.003	45.287	-0.005	45.332	-0.007	45.374	-0.007
35.994	-0.004	36.044	-0.002	36.078	0.003	36.117	0.003	45.422	-0.007	45.461	-0.005	45.504	-0.003	45.543	0.001
36.152	0.002	36.194	-0.006	36.226	-0.013	36.258	-0.015	45.583	0.005	45.633	0.006	45.675	0.008	45.710	0.010
36.295	-0.015	36.334	-0.009	36.371	-0.004	36.415	0.002	45.755	0.007	45.794	0.005	45.829	0.003	45.869	-0.001
36.462	0.0	36.492	0.0	36.529	0.0	36.558	0.0	45.901	-0.003	45.948	-0.006	45.990	-0.004	46.037	-0.002
36.600	0.002	36.630	0.008	36.664	0.016	36.708	0.023	46.079	-0.001	46.133	0.001	46.185	0.003	46.230	0.003
36.743	0.023	36.784	0.021	36.821	0.018	36.856	0.016	46.277	0.005	46.328	0.003	46.388	0.002	46.425	0.0
36.900	0.009	36.940	0.005	36.977	0.003	37.022	0.003	46.469	-0.004	46.514	-0.006	46.564	-0.008	46.606	-0.008
37.064	0.001	37.098	0.001	37.138	-0.004	37.173	-0.011	46.655	-0.004	46.725	0.003	46.772	0.005	46.829	0.009
37.213	-0.019	37.252	-0.024	37.287	-0.028	37.314	-0.026	46.888	0.010	46.938	0.010	46.992	0.009	47.057	0.007
37.361	-0.020	37.405	-0.011	37.459	-0.005	37.501	0.002	47.089	0.005	47.129	0.003	47.171	-0.001	47.228	-0.003
37.547	0.008	37.582	0.013	37.617	0.019	37.652	0.019	47.268	-0.006	47.315	-0.008	47.367	-0.008	47.407	-0.008
37.702	0.015	37.737	0.010	37.792	0.002	37.853	0.001	47.466	-0.008	47.534	-0.008	47.561	-0.008	47.596	-0.006
37.903	-0.001	37.951	-0.005	37.999	-0.005	38.044	-0.007	47.653	-0.004	47.705	-0.004	47.748	-0.004	47.810	-0.002
38.092	-0.009	38.132	-0.012	38.170	-0.014	38.200	-0.018	47.847	0.002	47.897	0.004	47.954	0.004	48.007	0.004
38.233	-0.022	38.268	-0.024	38.296	-0.020	38.342	-0.016	48.067	0.004	48.115	0.004	48.155	0.002	48.187	0.002
38.382	-0.009	38.422	-0.003	38.470	-0.006	38.519	0.010	48.237	0.002	48.285	0.002	48.343	0.002	48.400	0.003
38.574	0.016	38.620	0.008	38.655	0.012	38.696	0.016	48.453	0.003	48.508	-0.001	48.545	-0.005	48.572	-0.007
38.741	0.016	38.787	0.014	38.827	0.008	38.870	0.003	48.612	-0.010	48.652	-0.012	48.694	-0.010	48.767	-0.010
38.911	0.001	38.944	-0.003	38.982	-0.005	39.031	-0.009	48.819	-0.006	48.891	-0.003	48.945	-0.001	48.989	0.001
39.077	-0.005	39.133	-0.005	39.184	-0.004	39.223	0.001	49.035	0.003	49.082	0.005	49.125	0.007	49.169	0.007
39.292	-0.001	39.328	-0.003	39.371	-0.004	39.420	-0.001	49.203	0.007	49.235	0.007	49.284	0.007	49.342	0.009
39.461	0.003	39.513	0.009	39.546	0.011	39.580	0.013	49.398	0.009	49.439	0.006	49.466	0.004	49.490	0.002
39.618	0.009	39.665	0.002	39.714	-0.005	39.760	-0.011	49.517	0.0	49.558	-0.003	49.599	-0.003	49.637	-0.005
39.796	-0.011	39.845	-0.005	39.886	0.001	39.943	0.012	49.681	-0.003	49.729	-0.005	49.770	-0.005	49.824	-0.003
39.996	0.016	40.042	0.012	40.088	0.009	40.129	0.003	49.855	-0.003	49.889	-0.005	49.930	-0.005	49.969	-0.007
40.183	-0.004	40.228	-0.010	40.274	-0.017	40.302	-0.021	50.018	-0.007	50.077	-0.007	50.121	-0.005	50.158	-0.003
40.338	-0.024	40.364	-0.024	40.407	-0.018	40.445	-0.009	50.200	-0.001	50.234	0.003	50.276	0.008	50.322	0.012
40.480	-0.003	40.521	0.002	40.569	0.002	40.619	0.0	50.366	0.012	50.406	0.010	50.443	0.009	50.485	0.005
40.657	0.0	40.720	0.002	40.766	0.004	40.819	0.006	50.545	0.0	50.592	-0.002	50.639	-0.002	50.691	-0.002
40.859	0.010	40.905	0.008	40.955	0.008	41.011	0.004	50.746	-0.002	50.796	-0.002	50.863	-0.001	50.940	-0.001
41.052	-0.001	41.087	-0.005	41.128	-0.007	41.194	-0.003	50.973	-0.001	51.038	-0.001	51.099	-0.001	51.137	0.0
41.243	-0.001	41.285	-0.001	41.346	0.001	41.397	-0.003	51.185	0.0	51.238	0.002	51.301	0.002	51.364	0.002
41.443	-0.005	41.491	-0.007	41.539	-0.003	41.592	-0.001	51.412	0.003	51.478	0.003	51.534	0.003	51.590	0.001
41.656	0.004	41.702	0.008	41.742	0.004	41.783	0.003	51.654	0.003	51.705	0.001	51.756	0.002	51.829	0.002
41.811	0.001	41.846	-0.001	41.882	-0.005	41.910	-0.007	51.893	0.002	51.944	-0.003	51.992	-0.009	52.053	-0.011
41.940	-0.009	41.985	-0.009	42.028	-0.007	42.079	-0.007	52.111	-0.012	52.156	-0.009	52.222	-0.007	52.265	-0.003
42.119	-0.001	42.154	0.004	42.187	0.010	42.227	0.012	52.326	0.003	52.376	0.009	52.471	0.011	52.529	0.011
42.260	0.012	42.293	0.010	42.346	0.006	42.376	0.003	52.590	0.011	52.649	0.009	52.723	0.004	52.781	-0.002
42.419	-0.001	42.460	-0.005	42.500	-0.007	42.541	-0.007	52.847	-0.006	52.916	-0.007	52.983	-0.005	53.050	-0.003
42.578	-0.007	42.634	-0.007	42.695	-0.005	42.754	-0.005	53.104	0.001	53.153	0.001	53.199	0.001	53.251	0.001
42.819	-0.006	42.877	-0.003	42.917	-0.003	42.958	-0.003	53.307	0.001	53.359	0.001	53.415	-0.001	53.475	-0.002
43.013	-0.002	43.059	0.0	43.102	0.005	43.137	0.009	53.506	-0.006	53.548	-0.006	53.592	-0.008	53.644	-0.008
43.177	0.013	43.210	0.013	43.253	0.007	43.301	0.002	53.694	-0.006	53.748	-0.004	53.805	0.002	53.857	0.004
43.336	-0.004	43.382	-0.009	43.425	-0.011	43.475	-0.009	53.928	0.006	54.006	0.004	54.066	0.0	54.110	-0.001
43.512	-0.005	43.545	0.0	43.585	0.004	43.623	0.006	54.163	-0.005	54.238	-0.005	54.314	-0.003	54.371	-0.005
43.658	0.004	43.698	0.0	43.735	-0.005	43.785	-0.009	54.421	-0.006	54.473	-0.008	54.536	-0.004	54.588	0.001
43.830	-0.001	43.875	-0.011	43.913	-0.011	43.948	-0.007	54.627	0.002	54.679	0.005	54.747	0.007	54.791	0.009
43.990	-0.003	44.037	0.001	44.079	0.004	44.124	0.010	54.848	0.013	54.916	0.011	54.963	0.008	55.010	0.004
44.173	0.014	44.238	0.016	44.280	0.017	44.319	0.014	55.051	-0.003	55.090	-0.007	55.142	-0.014	55.197	-0.016

IV329

57.023. 3/18/57 1056PST NAVY RESEARCH & EVALUATION LAB., PORT HUENEME, CAL. WEST

1992 POINTS 68.869 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0482 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.289	0.015	0.275	0.029	0.188	0.046	-0.078	2.605	-0.013	2.619	-0.013	2.631	-0.011	2.646	0.011	2.660	0.013	2.674	0.015
0.075	-0.477	0.092	-0.694	0.102	-0.835	0.114	-0.895	2.670	0.056	2.696	0.112	2.711	0.123	2.727	0.117	2.742	0.129	2.757	0.140
0.126	-0.924	0.134	-0.929	0.148	-0.819	0.163	-0.650	2.747	0.135	2.766	0.148	2.773	0.139	2.792	0.097	2.807	0.109	2.822	0.093
0.182	-0.437	0.199	-0.239	0.214	-0.200	0.228	-0.212	2.816	0.023	2.843	-0.055	2.857	-0.082	2.872	-0.093	2.887	-0.104	2.902	-0.115
0.243	-0.245	0.262	-0.277	0.279	-0.299	0.289	-0.263	2.892	-0.044	2.907	-0.006	2.922	0.021	2.937	0.036	2.952	0.047	2.967	0.058
0.306	-0.205	0.316	-0.207	0.321	-0.229	0.340	-0.250	2.969	0.043	2.991	0.028	3.011	0.007	3.023	-0.001	3.038	0.012	3.053	0.023
0.357	-0.274	0.369	-0.239	0.382	-0.160	0.394	-0.077	3.043	0.037	3.060	0.083	3.070	0.088	3.083	0.068	3.098	0.079	3.113	0.090
0.406	0.012	0.421	0.016	0.435	0.003	0.452	0.010	3.100	-0.026	3.122	-0.071	3.140	-0.099	3.152	-0.095	3.167	-0.106	3.182	-0.117
0.462	0.001	0.477	0.169	0.494	0.316	0.506	0.446	3.172	0.026	3.192	0.015	3.219	0.041	3.231	0.044	3.246	0.055	3.261	0.066
0.518	0.501	0.526	0.504	0.535	0.448	0.562	0.287	3.256	0.034	3.271	0.008	3.288	-0.044	3.308	-0.126	3.323	-0.208	3.338	-0.290
0.577	0.209	0.587	0.062	0.599	0.019	0.611	-0.003	3.321	-0.158	3.345	-0.184	3.365	-0.111	3.388	0.057	3.408	0.139	3.428	0.220
0.621	-0.006	0.643	0.062	0.657	0.153	0.669	0.251	3.405	0.088	3.417	0.090	3.437	0.061	3.459	-0.005	3.481	-0.086	3.503	-0.167
0.679	0.296	0.689	0.305	0.699	0.278	0.718	0.234	3.479	-0.057	3.496	-0.072	3.514	-0.037	3.536	-0.043	3.558	-0.059	3.580	-0.075
0.745	0.174	0.769	0.116	0.794	0.069	0.806	0.060	3.548	0.001	3.578	0.008	3.603	0.033	3.622	0.095	3.641	0.176	3.660	0.257
0.818	0.089	0.833	0.104	0.850	0.084	0.869	0.038	3.637	0.108	3.655	0.093	3.677	0.071	3.704	0.057	3.726	0.033	3.748	0.009
0.894	-0.020	0.923	-0.060	0.940	-0.069	0.960	-0.003	3.724	0.053	3.746	0.032	3.763	-0.001	3.783	-0.017	3.805	-0.043	3.827	-0.069
0.972	0.078	0.989	0.072	0.999	0.031	1.013	-0.029	3.813	-0.021	3.840	-0.015	3.869	-0.012	3.891	-0.019	3.913	-0.045	3.935	-0.071
1.091	-0.073	1.118	-0.024	1.128	-0.027	1.147	-0.033	3.915	-0.054	3.937	-0.059	3.961	-0.063	3.980	-0.088	4.002	-0.114	4.024	-0.140
1.174	0.032	1.194	0.065	1.199	0.043	1.216	-0.051	4.000	-0.106	4.014	-0.115	4.034	-0.083	4.053	-0.019	4.072	0.004	4.091	0.029
1.238	-0.104	1.252	-0.117	1.265	-0.102	1.282	-0.057	4.072	0.035	4.084	0.064	4.104	0.078	4.123	0.068	4.142	0.042	4.161	0.017
1.313	0.066	1.340	0.171	1.350	0.187	1.360	0.171	4.145	0.026	4.164	-0.034	4.181	-0.072	4.200	-0.086	4.218	-0.112	4.237	-0.138
1.374	0.068	1.385	0.050	1.398	0.062	1.410	0.068	4.212	-0.088	4.234	-0.052	4.258	-0.010	4.282	0.028	4.306	0.054	4.324	0.080
1.427	0.051	1.440	0.013	1.457	0.004	1.469	0.040	4.307	0.073	4.328	0.120	4.338	0.136	4.355	0.123	4.372	0.107	4.389	0.090
1.495	0.124	1.510	0.156	1.522	0.149	1.536	0.127	4.386	0.111	4.400	0.109	4.421	0.125	4.448	0.132	4.471	0.148	4.494	0.164
1.549	0.089	1.568	0.027	1.587	0.060	1.602	-0.114	4.467	0.116	4.495	0.087	4.524	0.055	4.547	0.027	4.571	-0.009	4.594	-0.037
1.619	-0.125	1.643	-0.123	1.662	-0.130	1.682	-0.154	4.576	-0.031	4.605	-0.087	4.633	-0.118	4.652	-0.123	4.676	-0.149	4.699	-0.175
1.701	-0.168	1.718	-0.143	1.749	-0.069	1.771	-0.014	4.676	-0.072	4.697	-0.016	4.716	-0.011	4.733	-0.033	4.751	-0.059	4.769	-0.085
1.788	0.036	1.803	0.027	1.820	-0.015	1.834	-0.046	4.757	-0.090	4.778	-0.119	4.800	-0.129	4.814	-0.125	4.831	-0.138	4.849	-0.150
1.846	-0.053	1.873	-0.028	1.894	-0.042	1.911	-0.051	4.838	-0.085	4.857	-0.074	4.876	-0.096	4.901	-0.118	4.924	-0.144	4.947	-0.170
1.925	-0.028	1.946	0.021	1.966	0.037	1.980	0.030	4.925	-0.067	4.951	-0.024	4.970	0.013	4.994	0.078	5.017	0.149	5.040	0.220
1.999	0.008	2.016	-0.039	2.035	-0.090	2.054	-0.109	5.012	0.123	5.031	0.125	5.048	0.101	5.074	0.050	5.097	0.000	5.120	-0.050
2.066	-0.108	2.088	-0.052	2.107	0.024	2.126	0.091	5.086	0.052	5.112	0.083	5.145	0.157	5.161	0.179	5.188	0.200	5.215	0.221
2.142	0.117	2.162	0.131	2.173	0.117	2.190	0.069	5.173	0.179	5.190	0.154	5.208	0.094	5.227	-0.009	5.246	-0.082	5.265	-0.159
2.207	0.026	2.231	0.015	2.250	0.010	2.274	0.015	5.242	-0.074	5.263	-0.096	5.272	-0.100	5.284	-0.082	5.299	-0.064	5.314	-0.046
2.286	0.058	2.305	0.107	2.324	0.154	2.341	0.142	5.305	-0.049	5.338	-0.016	5.369	0.009	5.398	0.025	5.427	0.050	5.456	0.075
2.352	0.080	2.372	-0.076	2.388	-0.121	2.400	-0.132	5.417	0.029	5.445	0.148	5.474	-0.020	5.500	-0.064	5.529	-0.110	5.558	-0.159
2.413	-0.056	2.449	0.007	2.449	-0.034	2.461	-0.034	5.517	-0.107	5.538	-0.143	5.567	-0.156	5.586	-0.169	5.615	-0.180	5.644	-0.191
2.477	-0.107	2.497	-0.156	2.509	-0.170	2.523	-0.174	5.605	-0.174	5.626	-0.143	5.650	-0.069	5.674	-0.009	5.699	0.013	5.723	0.040
2.535	-0.157	2.562	-0.114	2.578	-0.058	2.593	-0.022	5.693	0.003	5.722	-0.009	5.731	-0.013	5.760	0.019	5.789	0.048	5.818	0.077

5.869	0.081	5.893	0.123	5.910	0.164	5.931	0.184	11.473	0.042	11.502	0.049	11.530	0.047	11.561	0.045
5.958	0.197	5.972	0.198	5.989	0.178	6.010	0.137	11.582	0.045	11.608	0.045	11.627	0.042	11.649	0.035
6.034	0.081	6.053	0.046	6.073	0.021	6.094	0.014	11.672	0.025	11.694	0.006	11.717	-0.011	11.743	-0.024
6.116	0.006	6.132	-0.021	6.151	-0.061	6.171	-0.090	11.772	-0.025	11.819	-0.022	11.848	-0.020	11.876	-0.022
6.192	-0.101	6.218	-0.083	6.240	-0.072	6.264	-0.072	11.909	-0.025	11.933	-0.018	11.955	-0.011	11.983	-0.004
6.295	-0.090	6.321	-0.108	6.350	-0.117	6.381	-0.106	12.005	-0.004	12.023	-0.005	12.045	-0.002	12.069	0.011
6.403	-0.072	6.429	-0.023	6.448	0.044	6.465	0.080	12.080	0.012	12.111	0.002	12.123	-0.012	12.152	-0.025
6.474	0.091	6.496	0.080	6.512	0.056	6.536	0.018	12.168	-0.027	12.197	-0.018	12.228	-0.007	12.259	-0.005
6.562	-0.005	6.582	-0.011	6.610	0.009	6.639	0.035	12.287	0.008	12.312	0.026	12.332	0.042	12.358	0.047
6.660	0.065	6.684	0.094	6.706	0.116	6.727	0.125	12.378	0.042	12.399	0.026	12.423	0.008	12.447	-0.010
6.751	0.112	6.782	0.081	6.811	0.018	6.832	-0.027	12.483	-0.021	12.509	-0.028	12.533	-0.032	12.566	-0.032
6.858	-0.060	6.878	-0.065	6.899	-0.051	6.925	-0.034	12.590	-0.025	12.616	-0.012	12.654	-0.007	12.695	-0.007
6.949	-0.033	6.971	-0.047	6.999	-0.069	7.028	-0.087	12.740	-0.005	12.771	0.001	12.788	0.013	12.812	0.028
7.057	-0.094	7.080	-0.065	7.104	-0.029	7.123	0.0	12.836	0.041	12.855	0.046	12.884	0.042	12.920	0.028
7.138	0.007	7.157	-0.002	7.183	-0.034	7.212	-0.065	12.941	0.006	12.965	-0.008	12.992	-0.035	13.018	-0.050
7.231	-0.025	7.257	0.027	7.278	0.060	7.300	0.071	13.035	-0.053	13.066	-0.043	13.090	-0.026	13.117	-0.005
7.326	0.071	7.357	0.051	7.379	0.031	7.410	0.011	13.141	0.010	13.170	0.023	13.203	0.030	13.249	0.024
7.441	-0.004	7.464	0.014	7.491	0.025	7.515	0.012	13.285	0.024	13.309	0.019	13.345	0.010	13.367	0.004
7.536	-0.007	7.565	-0.018	7.586	-0.004	7.605	0.014	13.398	-0.003	13.430	0.005	13.461	0.010	13.483	0.014
7.619	0.014	7.639	-0.008	7.662	-0.055	7.689	-0.067	13.517	0.012	13.544	0.008	13.571	0.003	13.600	-0.008
7.710	-0.035	7.746	0.0	7.770	0.027	7.803	0.019	13.646	-0.019	13.672	-0.021	13.711	-0.017	13.738	-0.011
7.851	0.005	7.879	-0.008	7.908	-0.026	7.938	0.001	13.767	-0.006	13.791	0.001	13.813	0.016	13.840	0.028
7.962	-0.091	7.986	-0.100	8.012	-0.079	8.040	-0.033	13.859	0.048	13.881	0.057	13.896	0.061	13.935	0.050
8.069	0.008	8.107	0.045	8.137	0.073	8.161	0.086	13.962	0.027	13.981	0.009	14.008	-0.022	14.032	-0.040
8.180	0.086	8.220	0.079	8.242	0.077	8.265	0.070	14.062	-0.053	14.084	-0.055	14.106	-0.046	14.130	-0.033
8.287	0.033	8.313	-0.021	8.332	-0.057	8.355	-0.068	14.150	-0.031	14.184	-0.026	14.228	-0.016	14.260	-0.007
8.374	-0.044	8.393	-0.010	8.412	-0.003	8.433	-0.010	14.306	0.004	14.328	0.016	14.355	0.029	14.377	0.040
8.466	-0.039	8.494	-0.048	8.530	-0.030	8.560	-0.008	14.416	0.031	14.443	0.014	14.478	-0.007	14.512	-0.020
8.593	0.011	8.617	0.030	8.652	0.048	8.673	0.071	14.529	-0.020	14.556	-0.009	14.596	0.011	14.625	0.027
8.692	0.089	8.713	0.096	8.746	0.091	8.767	0.058	14.660	0.008	14.677	0.032	14.711	0.023	14.743	0.016
8.786	0.024	8.807	-0.012	8.826	-0.030	8.850	-0.032	14.775	0.007	14.812	-0.011	14.852	-0.017	14.886	-0.008
8.868	-0.020	8.897	-0.011	8.916	-0.009	8.942	-0.014	14.928	0.012	14.966	0.021	14.995	0.014	15.023	0.001
8.975	-0.032	9.010	-0.052	9.029	-0.049	9.050	-0.036	15.057	-0.015	15.092	-0.021	15.139	-0.028	15.169	-0.031
9.079	-0.024	9.098	-0.016	9.121	-0.011	9.143	0.002	15.194	-0.029	15.231	-0.020	15.258	-0.010	15.288	0.005
9.166	0.022	9.185	0.038	9.204	0.040	9.221	0.030	15.313	0.012	15.342	0.003	15.374	-0.011	15.406	-0.024
9.251	0.009	9.287	-0.002	9.313	-0.004	9.348	0.001	15.423	-0.024	15.463	-0.013	15.495	-0.002	15.531	0.009
9.382	0.008	9.408	0.023	9.432	0.041	9.455	0.036	15.571	0.020	15.608	0.025	15.635	0.016	15.662	0.0
9.477	0.019	9.512	-0.002	9.541	-0.004	9.562	-0.004	15.691	-0.009	15.720	-0.016	15.743	-0.018	15.772	-0.007
9.591	-0.021	9.617	-0.046	9.655	-0.070	9.686	-0.075	15.806	0.005	15.838	0.013	15.877	0.009	15.901	-0.004
9.712	-0.053	9.741	-0.019	9.764	0.005	9.786	0.010	15.926	-0.020	15.950	-0.033	15.974	-0.035	16.025	-0.024
9.807	0.001	9.836	-0.017	9.867	-0.041	9.893	-0.050	16.061	-0.024	16.088	-0.011	16.117	0.007	16.148	0.025
9.917	-0.037	9.943	-0.010	9.969	0.015	9.991	0.057	16.163	0.030	16.192	0.028	16.228	0.017	16.259	0.005
10.022	-0.073	10.048	0.070	10.067	0.066	10.091	0.075	16.298	-0.003	16.327	-0.005	16.368	0.003	16.404	0.019
10.115	0.088	10.139	0.088	10.160	0.077	10.184	0.050	16.433	0.024	16.465	0.026	16.501	0.020	16.542	0.013
10.208	0.026	10.234	0.004	10.258	-0.023	10.289	-0.041	16.583	0.002	16.595	-0.005	16.629	-0.009	16.661	-0.007
10.315	-0.043	10.348	-0.019	10.372	0.012	10.401	0.021	16.697	-0.006	16.719	-0.006	16.753	0.003	16.782	0.011
10.437	0.014	10.468	0.001	10.503	-0.015	10.537	0.028	16.803	-0.014	16.830	0.007	16.861	-0.004	16.895	-0.019
10.573	-0.039	10.589	-0.041	10.611	-0.041	10.637	-0.028	16.932	-0.022	16.971	-0.006	17.007	0.003	17.065	0.001
10.661	-0.010	10.687	0.010	10.728	0.019	10.761	0.021	17.107	0.001	17.143	-0.004	17.172	-0.012	17.213	-0.019
10.792	0.019	10.818	0.015	10.842	-0.008	10.864	0.003	17.257	-0.012	17.298	-0.006	17.354	-0.014	17.395	-0.015
10.887	-0.003	10.914	0.003	10.937	0.006	10.954	0.003	17.432	-0.010	17.487	0.001	17.521	0.015	17.562	0.019
10.978	-0.007	11.001	-0.017	11.030	-0.028	11.068	-0.034	17.601	0.012	17.649	0.001	17.722	-0.008	17.780	-0.005
11.059	-0.025	11.125	-0.023	11.148	-0.021	11.170	-0.023	17.831	-0.006	17.867	0.006	17.922	0.003	17.953	0.015
11.191	-0.025	11.220	-0.018	11.248	-0.009	11.269	-0.003	17.987	0.021	18.016	0.017	18.040	0.006	18.071	-0.017
11.303	-0.007	11.331	-0.016	11.355	-0.021	11.371	-0.023	18.105	-0.041	18.136	-0.051	18.165	-0.041	18.205	-0.012
11.390	-0.011	11.412	0.011	11.431	0.024	11.450	0.035	18.256	0.021	18.306	0.034	18.359	0.043	18.405	0.039

18.448	0.025	18.488	0.023	18.519	0.029	18.543	0.030	26.972	-0.010	27.015	-0.001	27.056	0.003	27.104	0.003
18.579	0.020	18.615	0.009	18.654	-0.007	18.675	-0.009	27.142	0.006	27.188	0.010	27.228	0.006	27.287	0.017
18.702	-0.002	18.730	0.011	18.759	0.018	18.793	0.014	27.338	0.014	27.366	0.009	27.409	-0.002	27.456	-0.009
18.816	0.009	18.872	-0.009	18.905	-0.022	18.941	-0.031	27.504	-0.013	27.553	-0.015	27.612	-0.016	27.669	-0.014
18.970	-0.035	19.001	-0.042	19.047	-0.044	19.078	-0.031	27.718	-0.013	27.761	-0.005	27.808	0.002	27.849	0.011
19.114	-0.024	19.145	-0.017	19.181	-0.011	19.222	-0.008	27.885	0.017	27.932	0.015	27.979	0.010	28.039	0.001
19.249	-0.006	19.280	0.0	19.309	0.007	19.330	0.012	27.885	0.017	27.932	0.015	27.979	0.010	28.039	0.001
19.354	0.018	19.395	0.014	19.421	0.010	19.440	0.003	28.056	-0.003	28.143	-0.008	28.183	-0.010	28.235	-0.005
19.464	-0.002	19.507	-0.008	19.545	-0.013	19.574	-0.017	28.297	0.006	28.342	0.017	28.370	0.024	28.412	0.030
19.607	-0.006	19.641	0.005	19.670	0.010	19.698	0.015	28.459	0.024	28.499	0.015	28.541	0.008	28.588	-0.003
19.737	0.017	19.770	0.010	19.823	0.001	19.846	0.001	28.640	-0.014	28.686	-0.019	28.716	0.001	28.759	-0.021
19.884	0.003	19.946	0.003	19.998	0.003	20.028	-0.001	28.834	-0.014	28.866	-0.006	28.918	0.001	28.957	0.004
20.090	-0.012	20.090	-0.012	20.123	-0.005	20.149	0.003	28.993	0.008	29.055	0.006	29.084	0.004	29.120	0.003
20.205	0.015	20.241	0.015	20.241	0.023	20.260	0.024	29.167	0.006	29.222	0.010	29.242	0.015	29.268	0.017
20.326	0.004	20.345	0.004	20.345	-0.006	20.368	-0.021	29.299	0.010	29.344	0.003	29.377	-0.006	29.416	-0.015
20.401	-0.030	20.418	-0.030	20.446	-0.019	20.477	-0.001	29.449	-0.025	29.498	-0.028	29.546	-0.021	29.595	-0.014
20.505	0.015	20.536	0.032	20.571	0.041	20.599	0.039	29.628	-0.006	29.672	-0.001	29.726	0.001	29.803	-0.001
20.630	0.024	20.658	0.010	20.686	-0.008	20.715	-0.030	29.839	0.001	29.877	0.004	29.908	0.008	29.930	0.010
20.743	-0.044	20.781	-0.048	20.825	-0.044	20.870	-0.035	29.951	0.012	29.989	0.012	30.022	0.008	30.053	0.005
20.894	-0.023	20.920	-0.001	20.956	0.021	20.980	0.034	30.083	-0.004	30.114	-0.012	30.152	-0.015	30.193	-0.019
21.013	0.043	21.035	0.041	21.080	0.035	21.118	0.026	30.234	-0.013	30.267	-0.006	30.292	0.001	30.325	0.005
21.154	0.014	21.187	0.005	21.221	-0.002	21.256	-0.010	30.359	0.005	30.409	0.003	30.465	0.002	30.508	0.002
21.290	-0.013	21.321	-0.020	21.359	-0.028	21.398	-0.024	30.557	-0.002	30.585	-0.002	30.628	0.0	30.684	0.0
21.439	-0.013	21.473	-0.008	21.514	-0.004	21.569	0.0	30.712	-0.001	30.750	-0.007	30.775	-0.012	30.818	-0.017
21.601	0.003	21.639	0.007	21.688	0.005	21.729	0.0	30.857	-0.008	30.897	-0.015	30.937	-0.010	30.983	-0.008
21.767	-0.009	21.801	-0.016	21.830	-0.020	21.866	-0.024	31.016	-0.005	31.048	-0.014	31.086	-0.011	31.137	-0.008
21.910	-0.016	21.942	-0.004	21.981	0.005	22.039	0.018	31.174	0.005	31.215	0.014	31.248	0.016	31.295	0.020
22.097	0.025	22.146	0.025	22.207	0.023	22.258	0.022	31.358	0.020	31.416	0.018	31.453	0.018	31.495	0.016
22.299	0.018	22.348	0.007	22.390	-0.005	22.433	-0.016	31.525	-0.020	31.560	-0.007	31.597	-0.002	31.657	-0.015
22.472	-0.020	22.519	-0.013	22.570	-0.005	22.611	-0.002	31.686	-0.022	31.734	-0.024	31.778	-0.020	31.823	-0.013
22.668	-0.007	22.707	-0.011	22.748	-0.003	22.799	-0.001	31.865	-0.006	31.902	0.005	31.939	0.016	31.978	0.020
22.833	0.0	22.885	-0.003	22.933	-0.014	22.963	-0.021	32.027	-0.018	32.071	0.009	32.115	-0.002	32.167	-0.015
22.992	-0.025	23.029	-0.017	23.077	-0.006	23.111	0.001	32.221	-0.020	32.260	-0.013	32.299	-0.006	32.333	0.0
23.148	0.001	23.194	-0.008	23.248	-0.015	23.285	-0.015	32.372	-0.002	32.411	-0.004	32.470	-0.006	32.499	-0.008
23.321	-0.011	23.363	0.005	23.399	0.018	23.441	0.034	32.536	0.003	32.575	0.001	32.594	-0.001	32.616	-0.001
23.499	0.040	23.543	0.036	23.575	0.031	23.616	0.016	32.643	-0.001	32.670	-0.001	32.692	-0.001	32.711	0.001
23.692	0.002	23.746	-0.005	23.794	-0.012	23.841	-0.018	32.755	0.004	32.782	0.011	32.814	0.015	32.841	0.015
23.872	-0.023	23.909	-0.023	23.946	-0.018	23.985	-0.007	32.870	0.011	32.909	0.007	32.931	0.0	32.958	-0.002
24.034	0.001	24.066	0.004	24.110	-0.001	24.151	-0.008	32.984	-0.007	33.009	-0.007	33.036	-0.009	33.053	-0.011
24.181	-0.010	24.227	-0.012	24.273	-0.008	24.330	-0.001	33.070	-0.009	33.094	-0.007	33.123	-0.004	33.145	-0.002
24.376	0.008	24.421	0.017	24.460	0.026	24.502	0.032	33.170	0.001	33.194	0.005	33.228	0.007	33.272	0.008
24.546	0.032	24.573	0.026	24.605	0.015	24.657	-0.005	33.306	0.010	33.330	0.010	33.357	0.012	33.377	0.012
24.704	-0.012	24.756	-0.008	24.812	-0.003	24.882	0.001	33.396	0.012	33.423	0.012	33.452	0.012	33.477	0.012
24.914	-0.003	24.954	-0.010	25.001	-0.019	25.038	-0.030	33.494	0.012	33.518	0.010	33.540	0.010	33.572	0.010
25.090	-0.033	25.140	-0.033	25.182	-0.022	25.237	-0.010	33.608	0.016	33.638	0.018	33.662	0.019	33.686	0.020
25.269	0.005	25.311	0.014	25.349	0.021	25.388	0.025	33.716	-0.018	33.745	-0.012	33.765	0.007	33.786	0.0
25.428	0.021	25.463	0.014	25.508	0.0	25.546	-0.007	33.821	-0.007	33.843	-0.018	33.872	-0.025	33.894	-0.029
25.598	-0.016	25.643	-0.013	25.693	-0.005	25.730	0.006	33.921	-0.031	33.953	-0.025	33.983	-0.021	34.024	-0.016
25.787	0.020	25.827	0.035	25.857	0.046	25.885	0.053	34.059	-0.007	34.100	0.001	34.155	0.008	34.201	0.012
25.915	-0.048	25.945	-0.037	25.975	0.019	26.000	0.004	34.243	0.003	34.277	0.012	34.312	0.010	34.346	0.007
26.020	-0.010	26.057	-0.028	26.097	-0.039	26.117	-0.039	34.390	0.003	34.415	0.001	34.444	0.001	34.471	0.002
26.165	-0.030	26.220	-0.021	26.265	-0.013	26.315	-0.004	34.513	0.002	34.532	0.004	34.559	0.007	34.596	0.013
26.350	-0.002	26.400	0.0	26.453	0.001	26.496	0.0	34.626	-0.015	34.670	0.015	34.704	0.015	34.741	0.011
26.548	-0.006	26.581	-0.007	26.619	-0.007	26.642	-0.005	34.778	0.010	34.807	0.006	34.844	0.006	34.883	0.006
26.677	0.002	26.707	0.007	26.742	0.013	26.780	0.011	34.919	0.006	34.951	0.003	34.985	-0.001	35.014	-0.006
26.818	0.004	26.858	-0.007	26.891	-0.016	26.926	-0.018	35.048	-0.010	35.080	-0.011	35.107	-0.008	35.138	-0.004
								35.165	0.0	35.204	0.007	35.233	0.011	35.262	0.015

35.294	0.018	35.340	0.020	35.379	0.017	35.406	0.011	44.333	-0.009	44.370	-0.005	44.412	-0.001	44.445	0.004
35.338	0.008	35.458	0.002	35.492	-0.003	35.521	-0.007	44.487	0.006	44.531	0.006	44.571	0.004	44.603	0.004
35.546	-0.014	35.575	-0.017	35.610	-0.019	35.646	-0.017	44.650	0.001	44.668	-0.001	44.710	-0.003	44.742	-0.004
35.595	-0.013	35.742	-0.010	35.776	-0.006	35.813	-0.001	44.772	-0.004	44.806	-0.004	44.849	-0.004	44.873	-0.002
35.860	0.003	35.889	0.009	35.929	0.011	35.961	0.009	44.908	0.0	44.956	0.0	44.988	0.0	45.018	-0.002
35.990	0.007	36.020	0.005	36.027	0.005	36.047	0.005	45.041	-0.002	45.086	-0.002	45.136	-0.002	45.168	0.0
36.145	0.002	36.177	0.006	36.111	0.004	36.126	0.004	45.216	0.006	45.251	0.008	45.291	0.012	45.328	0.013
36.296	0.021	36.333	0.022	36.352	0.024	36.414	0.019	45.376	0.012	45.426	0.012	45.465	0.008	45.510	0.008
36.456	0.012	36.497	0.005	36.539	-0.004	36.586	-0.013	45.565	0.009	45.599	0.007	45.634	0.005	45.664	0.002
36.630	-0.016	36.677	-0.018	36.719	-0.018	36.766	-0.014	45.654	-0.002	45.744	-0.005	45.796	-0.009	45.855	-0.010
36.810	-0.007	36.857	-0.003	36.911	0.001	36.981	0.003	45.907	-0.010	45.947	-0.009	45.989	-0.005	46.028	0.001
37.025	0.007	37.065	0.009	37.115	0.011	37.157	0.011	46.060	0.004	46.110	0.006	46.159	0.006	46.211	0.004
37.194	0.011	37.241	0.009	37.273	0.009	37.303	0.009	46.253	0.003	46.292	0.003	46.342	0.004	46.396	0.008
37.365	0.008	37.411	0.008	37.443	0.006	37.486	0.004	46.456	0.008	46.508	0.008	46.538	0.008	46.577	0.008
37.511	0.002	37.561	-0.003	37.606	-0.005	37.659	-0.005	46.614	-0.007	46.647	0.005	46.686	0.001	46.721	-0.002
37.704	-0.004	37.757	-0.004	37.817	-0.004	37.872	-0.004	46.756	-0.006	46.795	-0.009	46.852	-0.009	46.887	-0.009
37.933	-0.004	37.986	-0.006	38.034	-0.006	38.077	-0.007	46.949	-0.009	47.014	-0.008	47.056	-0.005	47.090	-0.001
38.120	-0.007	38.167	-0.002	38.205	-0.006	38.258	-0.009	47.133	0.001	47.165	0.003	47.212	0.007	47.242	0.007
38.296	0.015	38.341	0.017	38.377	0.017	38.422	0.015	47.284	0.006	47.329	0.004	47.368	0.004	47.403	0.006
38.458	0.013	38.486	0.011	38.519	0.004	38.572	0.001	47.453	0.008	47.490	0.010	47.528	0.014	47.567	0.017
38.605	0.001	38.643	0.003	38.686	0.006	38.731	0.012	47.612	0.019	47.650	0.020	47.692	0.016	47.732	0.009
38.767	0.016	38.817	0.012	38.866	0.009	38.906	0.005	47.765	0.002	47.811	-0.005	47.846	-0.009	47.889	-0.012
38.945	0.0	38.978	-0.006	39.024	-0.009	39.062	-0.013	47.934	-0.012	47.979	-0.010	48.016	-0.005	48.059	0.001
39.109	-0.013	39.147	-0.011	39.198	-0.011	39.234	-0.007	48.102	0.006	48.157	0.010	48.212	0.008	48.259	0.007
39.272	-0.005	39.318	-0.001	39.364	-0.002	39.398	0.004	48.307	0.007	48.342	0.007	48.380	0.007	48.412	0.007
39.442	0.006	39.491	0.006	39.534	0.006	39.581	0.006	48.449	0.007	48.499	0.003	48.539	-0.002	48.581	-0.009
39.617	0.006	39.666	0.008	39.707	0.010	39.746	0.010	48.631	-0.014	48.661	-0.018	48.711	-0.015	48.748	-0.014
39.787	0.010	39.833	0.010	39.867	0.010	39.855	0.010	48.796	-0.008	48.838	-0.003	48.872	0.008	48.906	0.008
39.943	0.010	39.971	0.008	40.022	0.003	40.084	-0.004	48.972	0.012	49.018	0.010	49.070	0.005	49.111	0.002
40.107	-0.006	40.145	-0.008	40.186	-0.006	40.234	-0.004	49.160	-0.002	49.201	-0.002	49.257	0.0	49.315	0.002
40.267	0.001	40.352	0.005	40.410	-0.005	40.460	0.005	49.383	0.003	49.429	0.001	49.458	-0.001	49.516	-0.001
40.503	0.005	40.543	0.002	40.586	-0.002	40.640	-0.007	49.545	-0.002	49.596	0.003	49.642	0.007	49.690	0.009
40.677	-0.014	40.713	-0.019	40.753	-0.025	40.824	-0.027	49.735	0.011	49.773	0.009	49.802	0.009	49.857	0.008
40.839	-0.023	40.887	-0.015	40.925	-0.006	40.981	0.003	49.896	0.006	49.941	0.006	49.972	0.004	50.014	0.004
41.029	0.009	41.077	0.014	41.133	0.016	41.187	0.018	50.061	0.004	50.100	0.003	50.124	0.003	50.145	0.003
41.232	0.020	41.265	0.020	41.302	0.019	41.354	0.015	50.173	0.003	50.218	0.003	50.257	0.003	50.296	0.003
41.395	0.012	41.433	0.010	41.476	0.010	41.524	0.007	50.323	0.003	50.357	0.001	50.404	0.0	50.467	0.0
41.570	0.005	41.605	0.0	41.643	-0.004	41.687	-0.006	50.534	-0.002	50.558	-0.002	50.588	-0.001	50.616	-0.001
41.737	-0.007	41.763	-0.009	41.798	-0.009	41.829	-0.007	50.648	-0.001	50.685	-0.001	50.710	0.001	50.750	0.001
41.872	-0.005	41.915	-0.005	41.970	-0.005	42.005	-0.005	50.785	0.001	50.832	0.001	50.874	0.001	50.937	0.003
42.036	-0.005	42.066	-0.005	42.096	-0.005	42.134	0.001	50.985	0.0	51.043	-0.003	51.089	-0.005	51.117	-0.007
42.159	0.002	42.217	0.008	42.253	0.013	42.303	0.019	51.160	-0.008	51.205	-0.008	51.248	-0.005	51.306	0.001
42.356	0.021	42.399	0.021	42.437	0.019	42.470	0.017	51.352	0.005	51.392	0.009	51.443	0.012	51.481	0.014
42.503	0.014	42.546	0.012	42.589	0.010	42.632	0.008	51.553	0.014	51.601	0.011	51.626	0.009	51.672	0.002
42.677	0.007	42.707	0.005	42.738	0.001	42.768	-0.004	51.728	0.0	51.776	-0.003	51.807	-0.003	51.845	-0.003
42.791	-0.006	42.834	-0.008	42.882	-0.010	42.935	-0.008	51.886	-0.003	51.936	-0.001	51.977	0.001	52.022	0.002
42.983	-0.006	43.031	-0.002	43.076	-0.002	43.122	-0.002	52.078	0.0	52.119	-0.003	52.152	-0.007	52.192	-0.012
43.182	-0.002	43.228	-0.002	43.266	-0.003	43.311	-0.003	52.240	-0.013	52.293	-0.013	52.341	-0.011	52.395	-0.009
43.352	-0.005	43.394	-0.007	43.424	-0.009	43.449	-0.009	52.466	-0.007	52.537	-0.005	52.581	-0.001	52.659	0.003
43.484	-0.008	43.514	-0.010	43.539	-0.010	43.574	-0.006	52.728	0.007	52.784	0.005	52.843	0.002	52.912	0.0
43.619	-0.003	43.654	0.001	43.687	0.005	43.727	0.008	52.958	-0.002	53.010	0.002	53.066	0.004	53.102	0.004
43.767	0.014	43.805	0.017	43.845	0.019	43.882	0.021	53.149	0.004	53.182	0.004	53.226	0.008	53.254	0.011
43.919	0.019	43.964	0.018	43.998	0.014	44.046	0.011	53.298	0.013	53.334	0.015	53.391	0.015	53.427	0.015
44.075	0.007	44.110	0.005	44.137	0.002	44.167	-0.002	53.464	0.012	53.505	0.008	53.545	0.001	53.584	-0.002
44.202	-0.005	44.236	-0.007	44.269	-0.011	44.303	-0.012	53.615	-0.004	53.638	-0.008	53.664	-0.008	53.711	-0.009
								53.750	-0.005	53.823	-0.003	53.875	0.0	53.935	0.002

53.982	0.001	54.021	-0.001	54.052	-0.001	54.086	-0.001	64.071	-0.002	64.128	0.0	64.187	0.0	64.244	0.002
54.118	0.0	54.157	-0.002	54.191	-0.004	54.227	-0.006	64.296	0.002	64.336	0.002	64.396	0.002	64.438	0.003
54.264	-0.007	54.293	-0.007	54.327	-0.009	54.366	-0.010	64.481	0.003	64.533	0.003	64.576	0.002	64.623	0.002
54.400	-0.009	54.444	-0.007	54.491	-0.003	54.530	0.003	64.668	0.002	64.726	0.003	64.771	0.003	64.818	0.005
54.569	0.006	54.603	0.008	54.642	0.012	54.681	0.014	64.878	0.007	64.928	0.008	64.978	0.008	65.035	0.008
54.733	0.014	54.780	0.011	54.827	0.005	54.863	0.004	65.085	0.008	65.142	0.007	65.184	0.003	65.222	0.002
54.910	0.0	54.965	-0.002	55.043	-0.003	55.097	-0.003	65.252	0.0	65.289	-0.002	65.344	-0.003	65.381	-0.003
55.165	-0.001	55.199	0.001	55.251	0.003	55.303	0.005	65.423	-0.003	65.455	-0.003	65.502	-0.002	65.542	0.0
55.337	0.005	55.376	0.005	55.410	0.005	55.448	0.005	65.594	0.002	65.631	0.004	65.688	0.008	65.743	0.010
55.482	0.007	55.521	0.007	55.572	0.007	55.627	0.005	65.790	0.010	65.837	0.012	65.885	0.012	65.927	0.012
55.668	0.004	55.709	0.004	55.758	0.004	55.802	0.0	65.983	0.010	66.030	0.009	66.068	0.007	66.103	0.007
55.846	-0.003	55.882	-0.003	55.928	-0.005	55.967	-0.005	66.141	0.007	66.181	0.007	66.229	0.005	66.269	0.005
55.995	-0.004	56.028	-0.004	56.069	-0.002	56.123	0.0	66.301	0.003	66.337	0.001	66.372	-0.001	66.440	-0.002
56.162	-0.002	56.203	-0.002	56.236	-0.003	56.269	-0.003	66.473	-0.002	66.521	-0.002	66.579	-0.001	66.635	0.003
56.305	-0.003	56.344	-0.005	56.382	-0.003	56.446	-0.001	66.683	0.007	66.726	0.007	66.769	0.009	66.817	0.010
56.497	0.001	56.537	0.003	56.583	0.003	56.632	0.005	66.860	0.010	66.908	0.009	66.957	0.007	66.995	0.005
56.670	0.007	56.723	0.007	56.772	0.009	56.820	0.011	67.051	0.004	67.107	0.004	67.194	0.004	67.248	0.003
56.894	0.013	56.934	0.011	56.987	0.011	57.025	0.011	67.314	-0.001	67.347	-0.002	67.380	-0.002	67.416	-0.002
57.065	0.009	57.108	0.009	57.150	0.007	57.198	0.003	67.472	-0.004	67.508	-0.004	67.561	-0.004	67.630	-0.002
57.238	0.002	57.281	-0.002	57.342	-0.004	57.377	-0.006	67.684	-0.001	67.737	0.001	67.771	-0.001	67.809	-0.001
57.427	-0.006	57.476	-0.006	57.516	-0.006	57.571	-0.004	67.857	-0.001	67.903	0.0	67.948	0.0	67.999	0.0
57.629	0.0	57.679	0.004	57.721	0.007	57.794	0.013	68.057	-0.002	68.111	-0.002	68.151	-0.002	68.189	-0.002
57.841	0.015	57.876	0.015	57.940	0.015	57.975	0.012	68.232	0.0	68.286	0.0	68.329	0.0	68.367	0.0
58.029	0.009	58.074	0.007	58.116	0.004	58.165	0.002	68.408	0.0	68.465	-0.002	68.516	-0.003	68.563	-0.003
58.225	-0.001	58.267	-0.002	58.304	-0.002	58.349	-0.004	68.599	-0.003	68.645	-0.001	68.694	0.001	68.727	0.001
58.386	-0.005	58.430	-0.003	58.480	0.0	58.529	0.001	68.763	0.001	68.787	0.001	68.823	0.001	68.869	0.001
58.569	0.003	58.608	0.003	58.640	0.005	58.690	0.005								
58.747	0.005	58.791	0.009	58.838	0.011	58.883	0.011								
58.948	0.013	58.980	0.013	59.025	0.013	59.065	0.011								
59.103	0.009	59.140	0.007	59.172	0.006	59.205	0.002								
59.235	0.002	59.300	-0.002	59.352	0.0	59.397	0.0								
59.437	0.002	59.470	0.003	59.513	0.005	59.568	0.003								
59.635	0.003	59.681	0.003	59.731	0.003	59.773	0.003								
59.821	0.003	59.859	0.003	59.902	0.003	59.942	0.002								
59.980	0.002	60.021	0.002	60.069	0.002	60.112	0.0								
60.155	0.001	60.226	0.001	60.241	0.001	60.276	-0.001								
60.337	-0.001	60.404	-0.004	60.471	-0.004	60.525	-0.002								
60.581	-0.002	60.630	0.0	60.697	0.001	60.754	0.003								
60.797	0.003	60.849	0.003	60.877	0.005	60.897	0.005								
60.940	0.005	61.004	0.007	61.062	0.007	61.108	0.008								
61.167	0.008	61.223	0.004	61.263	0.003	61.294	0.001								
61.332	0.001	61.389	0.0	61.439	0.0	61.496	-0.002								
61.536	-0.002	61.565	-0.003	61.603	-0.003	61.642	-0.003								
61.692	-0.001	61.776	0.001	61.821	0.003	61.905	0.004								
61.945	0.005	62.010	0.004	62.050	0.004	62.100	0.004								
62.145	0.004	62.192	0.004	62.244	0.005	62.292	0.005								
62.339	0.005	62.377	0.005	62.425	0.006	62.463	0.006								
62.526	0.006	62.574	0.008	62.632	0.010	62.667	0.012								
62.723	0.010	62.788	0.007	62.859	0.005	62.905	0.002								
62.947	-0.002	62.990	-0.005	63.028	-0.017	63.068	-0.010								
63.116	-0.012	63.147	-0.011	63.182	-0.008	63.222	-0.005								
63.265	-0.003	63.313	0.002	63.361	0.004	63.401	0.006								
63.438	0.006	63.481	0.008	63.518	0.008	63.558	0.006								
63.608	0.003	63.653	0.001	63.688	-0.001	63.730	-0.001								
63.767	-0.001	63.820	-0.001	63.852	-0.001	63.899	-0.001								
63.937	-0.001	63.969	-0.001	63.991	-0.001	64.036	-0.001								

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57.023. 3/18/57 1056PST NAVY RESEARCH & EVALUATION LAB., PORT HUENEME, CAL. UP

1662 POINTS 68.945 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0201 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.046	0.022	-0.101	0.039	-0.112	0.051	-0.095	2.466	0.060	2.483	0.038	2.507	0.002	2.519	-0.018				
0.061	-0.061	0.070	-0.033	0.083	-0.092	0.095	-0.133	2.529	-0.020	2.548	0.013	2.569	0.049	2.596	0.071				
0.100	-0.137	0.112	-0.112	0.129	-0.002	0.146	0.094	2.610	0.084	2.625	0.067	2.639	0.047	2.663	0.024				
0.156	0.098	0.165	0.078	0.177	-0.020	0.185	-0.028	2.682	0.004	2.694	0.004	2.714	-0.018	2.735	-0.038				
0.194	-0.015	0.209	0.033	0.216	0.033	0.228	0.011	2.750	-0.053	2.762	-0.057	2.774	-0.042	2.810	-0.018				
0.245	-0.038	0.253	-0.060	0.262	-0.055	0.282	-0.015	2.836	0.003	2.851	0.007	2.870	0.002	2.889	-0.039				
0.306	0.051	0.323	0.106	0.330	0.111	0.338	0.087	2.913	-0.090	2.925	-0.121	2.935	-0.124	2.955	-0.108				
0.352	0.033	0.357	0.027	0.365	0.066	0.384	0.118	2.977	-0.071	2.992	-0.064	3.012	-0.070	3.032	-0.059				
0.389	0.111	0.408	0.062	0.423	0.058	0.433	0.062	3.052	-0.019	3.084	0.038	3.114	0.076	3.126	0.080				
0.450	0.040	0.462	0.017	0.469	0.013	0.481	0.022	3.141	0.058	3.163	0.038	3.183	0.036	3.205	0.027				
0.498	0.038	0.511	0.046	0.518	0.020	0.535	-0.014	3.230	0.009	3.248	-0.004	3.272	0.005	3.305	0.023				
0.557	-0.005	0.569	-0.014	0.584	-0.033	0.596	-0.005	3.334	0.029	3.359	0.018	3.379	0.007	3.401	0.0				
0.623	0.069	0.633	0.062	0.642	0.004	0.655	-0.064	3.421	-0.008	3.433	-0.009	3.458	-0.002	3.470	-0.002				
0.674	-0.096	0.686	-0.058	0.701	-0.082	0.720	-0.058	3.488	-0.019	3.505	-0.042	3.522	-0.061	3.535	-0.062				
0.730	-0.028	0.750	-0.189	0.764	-0.251	0.774	-0.258	3.552	-0.044	3.574	-0.010	3.589	-0.012	3.604	0.014				
0.794	-0.228	0.813	-0.098	0.828	-0.073	0.842	-0.065	3.621	-0.004	3.641	-0.015	3.661	-0.004	3.688	0.019				
0.857	-0.085	0.867	-0.087	0.881	-0.034	0.896	0.022	3.715	0.034	3.735	0.039	3.745	0.027	3.777	0.016				
0.906	0.009	0.918	-0.009	0.930	0.011	0.945	0.092	3.804	0.025	3.826	0.018	3.856	0.023	3.876	0.014				
0.955	0.160	0.974	0.189	0.994	0.244	1.006	0.273	3.896	0.010	3.915	0.021	3.940	0.023	3.957	0.008				
1.018	0.248	1.042	0.213	1.057	0.160	1.077	0.043	3.981	-0.012	3.990	-0.012	4.010	-0.001	4.029	0.008				
1.089	0.014	1.113	0.036	1.128	0.036	1.142	0.025	4.041	-0.006	4.068	-0.030	4.089	-0.054	4.109	-0.061				
1.159	0.018	1.184	0.032	1.203	0.049	1.213	0.050	4.131	-0.049	4.160	-0.034	4.179	-0.027	4.208	-0.020				
1.225	0.036	1.242	0.005	1.259	-0.023	1.272	-0.028	4.232	0.004	4.254	0.028	4.266	0.037	4.285	0.020				
1.284	-0.026	1.298	-0.045	1.311	-0.079	1.325	-0.099	4.302	-0.007	4.312	-0.014	4.331	0.002	4.350	0.024				
1.340	-0.098	1.355	-0.098	1.369	-0.147	1.379	-0.176	4.375	0.026	4.391	0.022	4.420	0.017	4.447	0.026				
1.391	-0.150	1.406	-0.129	1.425	-0.138	1.437	-0.162	4.477	0.033	4.494	0.031	4.530	0.015	4.568	-0.006				
1.447	-0.142	1.474	-0.102	1.500	-0.087	1.510	-0.067	4.599	-0.035	4.620	-0.057	4.632	-0.060	4.663	-0.051				
1.525	0.015	1.549	0.108	1.561	0.124	1.571	0.126	4.696	-0.035	4.727	-0.017	4.751	0.018	4.777	0.040				
1.578	0.109	1.597	0.069	1.609	0.064	1.626	0.075	4.791	0.029	4.815	0.021	4.834	0.025	4.858	0.030				
1.641	0.086	1.653	0.075	1.672	0.033	1.692	-0.018	4.867	0.025	4.891	0.021	4.906	0.023	4.932	0.023				
1.713	-0.013	1.728	-0.008	1.750	-0.017	1.774	0.012	4.946	0.003	4.969	-0.028	4.995	-0.065	5.012	-0.068				
1.801	0.031	1.832	0.045	1.859	0.054	1.880	0.056	5.033	-0.048	5.066	-0.032	5.092	-0.025	5.109	-0.041				
1.900	0.047	1.922	0.061	1.941	0.070	1.950	0.047	5.139	-0.050	5.168	-0.054	5.198	-0.055	5.231	-0.044				
1.965	0.014	1.979	-0.003	2.003	-0.021	2.015	-0.076	5.274	-0.012	5.309	0.030	5.335	0.056	5.347	0.054				
2.031	-0.121	2.041	-0.132	2.060	-0.114	2.081	-0.087	5.368	0.043	5.392	0.056	5.411	0.059	5.430	0.041				
2.096	-0.068	2.113	-0.052	2.127	-0.048	2.136	-0.059	5.461	0.016	5.480	0.012	5.506	0.012	5.528	0.001				
2.148	-0.070	2.160	-0.052	2.179	0.013	2.201	0.033	5.549	-0.006	5.580	-0.003	5.606	-0.008	5.632	-0.012				
2.215	0.035	2.237	0.033	2.265	0.037	2.282	0.033	5.661	-0.003	5.685	0.014	5.716	0.023	5.730	0.007				
2.299	0.024	2.315	0.004	2.323	0.009	2.351	0.033	5.754	-0.019	5.775	-0.028	5.799	-0.021	5.828	-0.014				
2.377	0.038	2.401	0.026	2.425	0.015	2.444	0.038	5.839	-0.010	5.868	0.005	5.897	0.010	5.913	0.007				

5.937	0.003	5.963	0.012	5.995	0.023	6.021	0.039	13.144	0.010	13.187	0.006	13.228	-0.007	13.257	-0.010
6.040	0.043	6.062	0.032	6.081	0.017	6.105	0.002	13.300	-0.005	13.353	0.002	13.377	0.004	13.420	-0.001
6.131	-0.014	6.167	-0.036	6.196	-0.049	6.210	-0.051	13.465	-0.009	13.525	-0.003	13.573	0.0	13.612	0.002
6.234	-0.038	6.263	-0.024	6.301	0.0	6.327	0.009	13.643	0.002	13.690	0.004	13.733	0.0	13.767	-0.009
6.356	0.002	6.380	-0.004	6.408	0.005	6.444	0.027	13.813	-0.018	13.859	-0.013	13.903	-0.009	13.944	-0.002
6.480	0.034	6.511	0.034	6.547	0.034	6.580	0.036	13.991	0.006	14.035	0.007	14.079	0.002	14.125	-0.006
6.618	0.027	6.647	0.010	6.682	-0.003	6.704	-0.019	14.171	-0.002	14.210	-0.002	14.247	-0.004	14.281	0.003
6.738	-0.034	6.778	-0.045	6.778	-0.037	6.807	-0.019	14.320	0.007	14.345	-0.004	14.384	-0.017	14.411	-0.020
6.829	-0.008	6.845	-0.007	6.864	-0.014	6.888	-0.030	14.450	-0.011	14.497	-0.006	14.543	0.002	14.583	-0.006
6.910	-0.038	6.922	-0.023	6.950	0.001	6.979	0.015	14.625	-0.011	14.664	-0.004	14.723	0.009	14.765	0.015
7.008	0.021	7.036	0.021	7.058	0.013	7.074	0.010	14.819	0.013	14.863	0.004	14.898	-0.007	14.935	-0.014
7.110	0.021	7.132	0.026	7.158	0.017	7.196	0.006	14.959	-0.011	14.997	0.004	15.041	0.013	15.081	0.018
7.229	0.008	7.263	0.002	7.287	-0.001	7.315	0.001	15.123	0.015	15.173	0.013	15.207	0.006	15.242	0.009
7.349	-0.009	7.373	-0.014	7.406	-0.009	7.435	0.006	15.282	0.006	15.336	0.007	15.376	0.013	15.420	0.015
7.459	0.013	7.487	0.010	7.516	0.015	7.540	0.017	15.457	0.011	15.489	0.005	15.521	-0.006	15.565	-0.015
7.559	0.017	7.585	0.022	7.602	0.024	7.621	0.013	15.600	-0.017	15.644	-0.009	15.693	0.0	15.739	0.003
7.647	-0.001	7.678	-0.021	7.702	-0.032	7.716	-0.034	15.801	-0.001	15.899	-0.004	15.994	-0.010	16.044	-0.019
7.745	-0.021	7.778	0.001	7.818	0.017	7.854	0.028	16.083	-0.016	16.119	-0.016	16.165	-0.007	16.231	0.011
7.902	0.035	7.940	0.041	7.980	0.042	8.024	0.031	16.289	0.019	16.335	0.017	16.373	0.017	16.429	0.027
8.058	0.011	8.092	-0.001	8.122	-0.020	8.148	-0.032	16.470	0.020	16.509	0.013	16.547	0.005	16.596	-0.002
8.170	-0.032	8.222	-0.014	8.265	-0.002	8.300	0.013	16.630	-0.006	16.671	0.003	16.702	0.008	16.751	0.001
8.314	0.068	8.340	-0.014	8.366	-0.033	8.388	-0.042	16.759	-0.012	16.845	-0.017	16.893	-0.021	16.944	-0.019
8.404	-0.045	8.426	-0.038	8.456	-0.022	8.482	-0.013	17.000	-0.012	17.048	-0.003	17.090	0.006	17.160	0.008
8.520	-0.006	8.557	0.0	8.593	-0.009	8.616	-0.015	17.211	0.009	17.247	0.009	17.277	0.008	17.342	0.007
8.645	-0.017	8.673	-0.024	8.692	-0.026	8.717	-0.013	17.393	0.015	17.444	0.026	17.490	0.029	17.531	0.031
8.755	-0.004	8.788	-0.011	8.814	-0.004	8.849	0.010	17.575	0.030	17.606	0.019	17.642	0.008	17.688	-0.005
8.870	0.016	8.899	0.008	8.925	0.005	8.955	0.012	17.737	-0.012	17.770	-0.016	17.814	-0.010	17.855	-0.010
8.951	0.019	9.026	0.025	9.050	0.019	9.078	0.003	17.894	-0.015	17.940	-0.023	17.990	-0.024	18.045	-0.023
9.104	-0.003	9.144	0.004	9.189	0.011	9.225	0.017	18.088	-0.014	18.139	-0.001	18.180	0.012	18.221	0.012
9.258	0.013	9.282	0.011	9.312	0.015	9.341	0.018	18.271	0.007	18.326	0.005	18.393	0.005	18.449	0.010
9.367	0.013	9.390	-0.005	9.428	-0.025	9.457	-0.049	18.496	0.014	18.544	0.012	18.614	0.010	18.671	0.010
9.485	-0.058	9.502	-0.047	9.521	-0.029	9.554	-0.011	18.719	0.007	18.777	0.008	18.841	0.008	18.899	0.005
9.578	-0.002	9.602	-0.004	9.621	0.003	9.652	0.022	18.947	0.007	19.007	-0.004	19.057	-0.001	19.110	-0.002
9.683	0.034	9.702	0.038	9.737	0.027	9.775	0.009	19.146	-0.006	19.187	-0.008	19.237	0.0	19.297	0.007
9.821	-0.002	9.863	-0.006	9.920	-0.006	9.956	-0.004	19.372	0.011	19.439	0.011	19.491	0.011	19.551	0.004
9.987	0.003	10.025	0.010	10.047	0.006	10.071	-0.001	19.601	-0.005	19.637	-0.009	19.661	-0.009	19.718	0.002
10.094	-0.003	10.128	0.003	10.164	0.014	10.192	0.024	19.771	0.011	19.819	0.019	19.867	0.017	19.917	0.013
10.221	0.034	10.254	0.032	10.292	0.030	10.340	0.017	19.959	0.012	19.992	0.008	20.042	0.002	20.099	-0.003
10.383	0.002	10.419	-0.014	10.452	-0.025	10.485	-0.025	20.153	-0.005	20.203	-0.005	20.245	-0.009	20.295	-0.012
10.531	-0.014	10.586	-0.003	10.624	0.004	10.672	0.009	20.330	-0.014	20.389	-0.005	20.453	0.004	20.514	0.008
10.719	0.006	10.758	0.002	10.779	0.002	10.815	0.006	20.568	0.008	20.637	0.013	20.705	0.013	20.747	0.015
10.839	0.004	10.872	-0.003	10.922	-0.013	10.960	-0.013	20.794	0.013	20.834	0.006	20.891	-0.005	20.938	-0.013
11.008	-0.011	11.050	-0.011	11.088	-0.013	11.117	-0.013	20.991	-0.014	21.041	-0.011	21.098	-0.002	21.136	0.009
11.171	0.002	11.202	0.016	11.235	0.033	11.264	0.038	21.191	0.013	21.222	0.011	21.246	0.005	21.277	-0.002
11.299	0.034	11.330	0.022	11.366	0.011	11.394	0.011	21.313	-0.006	21.348	0.0	21.394	0.003	21.442	0.037
11.425	0.012	11.475	0.012	11.518	0.007	11.570	-0.004	21.483	0.007	21.512	0.005	21.555	0.009	21.603	0.009
11.608	-0.017	11.643	-0.020	11.674	-0.009	11.717	0.007	21.637	0.007	21.671	0.002	21.714	0.007	21.762	0.016
11.750	0.023	11.778	0.032	11.807	0.032	11.845	0.018	21.830	0.020	21.876	0.020	21.932	0.009	21.981	-0.003
11.899	-0.004	12.141	-0.006	12.187	-0.002	12.251	0.0	22.032	-0.009	22.080	-0.018	22.117	-0.016	22.178	0.008
12.099	0.002	12.193	-0.006	12.172	-0.010	12.241	-0.004	22.241	-0.001	22.360	0.005	22.360	0.005	22.404	0.010
12.234	0.001	12.277	0.005	12.300	-0.002	12.334	-0.015	22.450	0.014	22.489	0.018	22.538	0.018	22.584	0.014
12.346	-0.019	12.374	-0.013	12.400	-0.014	12.434	-0.023	22.628	0.011	22.682	0.011	22.736	0.005	22.775	0.004
12.467	-0.028	12.517	-0.026	12.574	-0.025	12.610	-0.017	22.821	0.0	22.862	-0.002	22.909	-0.004	22.970	-0.002
12.660	0.004	12.696	0.015	12.734	0.012	12.782	0.003	23.072	0.0	23.121	0.002	23.121	0.002	23.162	0.002
12.815	0.010	12.858	0.021	12.899	0.019	12.940	0.015	23.201	0.0	23.253	0.0	23.299	0.004	23.360	0.006
12.988	0.012	13.024	0.010	13.060	0.013	13.098	0.012	23.419	0.006	23.462	0.004	23.516	0.001	23.562	0.004

23.604	0.004	23.655	0.003	23.692	0.001	23.726	-0.001	35.087	-0.006	35.145	0.0	35.201	0.0	35.262	0.0
23.787	0.003	23.833	-0.006	23.872	0.006	23.911	0.001	35.323	0.0	35.377	0.0	35.430	0.002	35.474	0.004
23.955	0.007	24.002	0.001	24.060	-0.002	24.119	-0.004	35.526	0.005	35.570	0.001	35.614	-0.001	35.665	-0.004
24.175	-0.004	24.234	-0.002	24.280	0.002	24.315	0.007	35.724	-0.006	35.766	-0.004	35.822	0.0	35.871	0.004
24.354	0.013	24.388	0.013	24.432	0.011	24.472	0.009	35.913	0.006	35.957	0.007	36.009	0.009	36.056	0.011
24.513	0.009	24.565	0.009	24.602	0.013	24.669	0.011	36.103	0.010	36.142	0.013	36.177	0.013	36.223	0.013
24.740	0.011	24.787	0.006	24.841	0.001	24.883	-0.003	36.260	0.010	36.300	0.004	36.351	-0.001	36.401	-0.003
24.935	-0.010	24.992	-0.007	25.051	-0.005	25.121	-0.003	36.447	-0.003	36.477	-0.005	36.511	-0.007	36.543	-0.007
25.176	-0.003	25.220	-0.005	25.268	-0.001	25.317	0.002	36.607	-0.007	36.659	-0.006	36.703	-0.003	36.762	-0.001
25.379	0.004	25.449	0.004	25.509	0.006	25.574	0.008	36.814	-0.003	36.861	-0.004	36.915	-0.006	36.979	-0.006
25.649	0.010	25.684	0.010	25.743	0.008	25.791	0.009	37.031	-0.006	37.084	-0.004	37.141	0.0	37.178	0.003
25.828	0.009	25.871	0.003	25.910	0.0	25.953	-0.004	37.230	0.003	37.280	0.005	37.327	0.007	37.371	0.006
26.000	-0.002	26.050	0.002	26.103	0.006	26.160	0.004	37.419	0.002	37.466	0.002	37.509	0.0	37.554	0.0
26.200	-0.001	26.258	-0.003	26.310	-0.003	26.383	0.0	37.597	0.002	37.647	0.002	37.697	0.002	37.750	0.002
26.456	0.002	26.529	0.005	26.602	0.005	26.652	0.002	37.795	0.002	37.848	0.001	37.898	0.001	37.953	-0.001
26.697	0.0	26.758	0.006	26.805	0.009	26.841	0.013	38.019	-0.003	38.059	-0.003	38.105	-0.003	38.163	-0.003
26.886	0.006	26.941	0.002	27.015	-0.003	27.068	0.003	38.215	-0.005	38.256	-0.005	38.311	-0.005	38.372	-0.003
27.127	-0.003	27.175	-0.001	27.226	-0.001	27.289	-0.005	38.415	-0.001	38.475	0.001	38.536	-0.001	38.579	-0.001
27.339	-0.009	27.373	-0.009	27.424	-0.001	27.472	0.006	38.625	-0.001	38.675	-0.003	38.721	-0.002	38.774	-0.002
27.539	0.015	27.606	0.013	27.676	0.010	27.748	0.008	38.812	-0.001	38.863	0.0	38.903	0.001	38.952	0.007
27.799	0.008	27.853	0.006	27.930	0.001	27.988	0.001	39.016	0.005	39.062	0.004	39.095	0.002	39.136	0.0
28.037	-0.001	28.081	-0.001	28.134	-0.001	28.194	-0.001	39.284	0.006	39.338	0.002	39.384	0.006	39.433	0.006
28.238	0.002	28.306	0.004	28.353	-0.001	28.400	-0.007	39.518	0.003	39.564	0.003	39.611	0.003	39.654	-0.001
28.439	-0.012	28.468	-0.016	28.523	-0.012	28.578	-0.008	39.768	-0.004	39.814	-0.006	39.863	-0.008	39.902	-0.010
28.654	-0.005	28.722	-0.005	28.788	-0.008	28.842	-0.005	39.953	-0.010	39.999	-0.014	40.042	-0.005	40.078	0.001
28.814	-0.003	28.845	0.001	28.887	0.006	28.940	0.014	40.132	0.001	40.193	0.003	40.257	0.004	40.292	0.006
28.989	0.016	29.022	0.018	29.054	0.014	29.090	0.010	40.331	0.006	40.379	0.008	40.422	0.008	40.468	0.006
29.144	0.007	29.199	0.004	29.248	-0.007	29.293	0.005	40.516	0.004	40.574	0.004	40.602	0.003	40.650	0.001
29.357	0.005	29.417	0.004	29.463	-0.002	29.522	-0.003	40.743	-0.003	40.793	-0.006	40.801	-0.005	40.852	-0.004
29.569	-0.001	29.620	0.001	29.666	0.006	29.725	0.008	40.905	-0.006	40.973	-0.006	41.016	-0.006	41.044	-0.004
29.776	0.003	29.835	-0.002	29.881	-0.010	29.938	-0.011	41.150	-0.002	41.207	-0.002	41.257	-0.002	41.268	0.0
29.978	-0.013	30.032	-0.014	30.073	-0.011	30.113	-0.005	41.321	0.001	41.369	0.001	41.417	0.002	41.468	-0.002
30.149	-0.001	30.205	0.004	30.256	0.006	30.312	0.007	41.504	-0.002	41.542	-0.004	41.592	-0.002	41.641	0.0
30.368	0.007	30.417	0.009	30.473	0.007	30.523	0.005	41.674	0.003	41.727	0.003	41.803	0.005	41.861	0.005
30.584	0.005	30.640	0.002	30.689	-0.003	30.755	-0.005	41.899	0.003	41.955	0.002	41.998	0.002	42.048	0.002
30.823	-0.005	30.887	-0.005	30.940	-0.005	30.990	-0.005	42.091	0.002	42.144	0.002	42.205	0.002	42.258	0.002
31.033	-0.003	31.066	-0.003	31.119	-0.003	31.162	-0.003	42.298	0.002	42.354	0.0	42.389	-0.002	42.422	-0.005
31.220	-0.001	31.260	0.001	31.311	0.008	31.361	0.016	42.467	-0.007	42.518	-0.007	42.563	-0.007	42.624	-0.007
31.422	0.016	31.469	0.010	31.531	0.007	31.583	0.003	42.662	-0.007	42.710	-0.007	42.748	-0.005	42.786	-0.003
31.643	0.001	31.697	0.002	31.750	0.003	31.799	0.007	42.825	0.001	42.882	0.002	42.940	0.002	42.993	0.001
31.846	0.005	31.904	0.007	31.970	0.0	32.026	0.002	43.031	-0.003	43.081	-0.003	43.119	-0.007	43.162	-0.009
32.078	0.005	32.134	0.007	32.181	0.007	32.215	0.007	43.203	-0.003	43.258	-0.009	43.314	-0.007	43.364	-0.001
32.254	0.009	32.294	0.009	32.330	0.009	32.379	0.009	43.415	0.002	43.455	0.004	43.485	0.002	43.525	0.003
32.428	0.007	32.465	0.007	32.526	0.009	32.562	0.007	43.570	0.003	43.623	0.001	43.675	-0.001	43.733	-0.001
32.626	0.005	32.675	0.001	32.728	-0.003	32.767	-0.005	43.773	-0.001	43.803	-0.001	43.843	-0.001	43.903	-0.001
32.838	-0.012	32.884	-0.016	32.923	-0.014	32.975	-0.011	43.943	-0.001	43.992	-0.001	44.029	-0.001	44.054	-0.001
33.018	-0.007	33.062	-0.009	33.111	-0.002	33.179	-0.002	44.096	-0.001	44.141	-0.004	44.200	0.0	44.272	0.002
33.249	-0.002	33.333	-0.004	33.381	-0.004	33.425	-0.004	44.317	0.002	44.391	0.002	44.456	0.0	44.509	-0.002
33.469	-0.004	33.518	-0.004	33.572	-0.004	33.611	-0.004	44.545	-0.005	44.597	-0.007	44.647	-0.009	44.713	-0.011
33.674	0.001	33.733	0.003	33.784	0.007	33.842	0.010	44.773	-0.003	44.825	-0.010	44.882	-0.007	44.962	-0.007
33.895	0.005	34.146	0.010	34.218	0.012	34.264	0.010	45.032	-0.003	45.097	-0.001	45.162	0.001	45.237	0.003
34.095	0.005	34.146	0.010	34.218	0.012	34.264	0.010	45.302	0.005	45.367	0.003	45.434	0.003	45.486	0.005
34.311	0.004	34.365	-0.001	34.439	-0.003	34.488	-0.003	45.551	0.005	45.618	0.005	45.673	0.005	45.717	0.003
34.542	-0.003	34.578	-0.005	34.618	-0.005	34.654	-0.006	45.774	0.004	45.822	0.002	45.856	0.0	45.919	-0.004
34.701	-0.003	34.743	-0.003	34.792	-0.003	34.833	-0.006	45.961	-0.005	46.012	-0.007	46.059	-0.009	46.109	-0.010
34.885	-0.010	34.941	-0.012	34.992	-0.010	35.046	-0.010								

46.148	-0.010	46.207	-0.012	46.265	-0.008	46.314	-0.006	57.387	0.004	57.430	0.004	57.472	0.004	57.517	0.005
46.368	-0.003	46.417	0.001	46.462	0.001	46.511	0.003	57.562	0.005	57.615	0.005	57.664	0.004	57.707	0.001
46.556	0.003	46.586	0.001	46.633	0.001	46.675	0.003	57.764	0.002	57.807	0.002	57.857	0.002	57.902	0.004
46.720	0.0	46.769	0.0	46.819	0.002	46.861	0.004	57.954	-0.002	58.013	-0.003	58.050	-0.003	58.092	-0.003
46.925	0.007	46.987	0.009	47.030	0.008	47.072	0.008	58.130	-0.003	58.169	-0.001	58.201	-0.001	58.241	-0.001
47.136	0.004	47.198	0.0	47.250	0.0	47.305	-0.003	58.281	-0.003	58.323	-0.003	58.357	-0.003	58.422	-0.003
47.384	-0.003	47.452	-0.003	47.506	-0.003	47.561	-0.003	58.479	-0.003	58.535	-0.003	58.585	-0.003	58.654	-0.003
47.618	-0.003	47.685	-0.003	47.725	-0.001	47.753	-0.001	58.713	-0.003	58.775	-0.003	58.827	-0.001	58.886	-0.001
47.797	-0.001	47.854	-0.001	47.904	-0.001	47.942	-0.001	58.934	0.003	59.003	0.005	59.071	0.005	59.138	0.005
47.962	-0.001	48.004	-0.003	48.072	-0.003	48.105	-0.001	59.198	0.005	59.251	0.006	59.301	0.004	59.355	0.004
48.132	-0.001	48.162	0.0	48.215	0.0	48.265	0.0	59.415	0.002	59.466	0.003	59.533	0.003	59.586	0.001
48.308	0.0	48.338	0.0	48.380	-0.002	48.433	-0.002	59.651	0.001	59.699	0.001	59.754	0.002	59.796	0.002
48.474	-0.002	48.523	-0.002	48.570	-0.004	48.622	-0.004	59.852	0.002	59.922	0.0	59.998	0.0	60.053	0.0
48.677	-0.005	48.744	-0.007	48.789	-0.007	48.856	-0.005	60.099	-0.001	60.150	-0.001	60.215	-0.003	60.271	-0.005
48.933	-0.005	48.994	-0.005	49.033	-0.005	49.086	-0.003	60.324	-0.005	60.360	-0.005	60.428	-0.004	60.487	-0.002
49.138	-0.001	49.194	0.001	49.254	0.003	49.301	0.007	60.541	-0.001	60.608	0.003	60.678	0.003	60.737	0.003
49.354	0.005	49.403	0.009	49.449	0.009	49.507	0.005	60.789	0.004	60.843	0.004	60.902	0.004	60.958	0.004
49.555	0.002	49.584	0.0	49.633	-0.002	49.688	-0.005	61.006	0.004	61.065	0.002	61.110	0.002	61.169	0.001
49.749	-0.009	49.787	-0.007	49.858	-0.005	49.894	-0.005	61.263	0.001	61.311	0.001	61.390	-0.001	61.467	-0.003
49.949	-0.005	49.969	-0.005	50.011	-0.005	50.072	-0.005	61.525	-0.002	61.586	-0.002	61.646	-0.004	61.691	-0.002
50.119	-0.005	50.170	-0.005	50.234	-0.003	50.295	-0.003	61.740	0.0	61.785	0.004	61.849	0.004	61.901	0.004
50.354	-0.003	50.425	-0.001	50.493	0.001	50.530	0.001	61.921	0.004	61.981	0.002	62.016	0.0	62.063	-0.001
50.579	0.001	50.639	0.003	50.681	0.002	50.728	0.0	62.123	-0.001	62.160	-0.003	62.193	-0.003	62.230	0.003
50.781	0.002	50.853	0.0	50.897	0.0	50.945	0.0	62.270	-0.003	62.335	-0.001	62.365	-0.001	62.400	0.001
51.008	0.0	51.069	0.002	51.132	0.004	51.180	0.004	62.450	0.001	62.498	0.001	62.536	0.001	62.581	0.0
51.238	0.003	51.283	0.003	51.344	0.001	51.395	0.001	62.622	0.0	62.665	0.0	62.720	0.0	62.771	0.0
51.476	-0.004	51.524	-0.005	51.580	-0.005	51.630	-0.005	62.814	0.0	62.862	-0.002	62.905	-0.002	62.948	-0.002
51.677	-0.005	51.720	-0.003	51.761	-0.003	51.803	-0.003	62.990	-0.003	63.036	-0.003	63.071	-0.003	63.122	-0.001
51.852	-0.004	51.921	-0.008	51.977	-0.011	52.000	0.0	63.172	0.001	63.222	0.003	63.238	0.003	63.283	0.003
52.017	-0.011	52.081	-0.006	52.136	-0.003	52.200	0.0	63.313	0.003	63.359	0.003	63.394	0.003	63.432	0.003
52.255	0.002	52.311	0.006	52.362	0.006	52.433	0.005	63.467	0.003	63.494	0.003	63.524	0.001	63.579	0.0
52.476	0.005	52.509	0.005	52.557	0.003	52.606	0.001	63.626	0.0	63.666	0.0	63.723	0.0	63.758	0.0
52.654	0.001	52.705	0.002	52.761	0.002	52.799	0.0	63.778	0.002	63.818	0.004	63.858	0.006	63.920	0.006
52.842	0.0	52.898	0.0	52.947	0.0	52.993	0.0	63.958	0.006	63.995	0.003	64.047	0.001	64.104	-0.001
53.029	0.0	53.073	0.0	53.127	0.0	53.173	0.0	64.144	-0.002	64.188	-0.002	64.263	-0.002	64.332	-0.003
53.225	-0.001	53.269	-0.001	53.307	-0.003	53.364	-0.005	64.392	-0.003	64.474	-0.005	64.529	-0.003	64.582	-0.003
53.408	-0.007	53.462	-0.007	53.506	-0.005	53.576	-0.003	64.629	-0.002	64.684	-0.002	64.739	0.0	64.792	0.0
53.629	-0.001	53.683	0.001	53.730	0.002	53.792	0.004	64.852	0.0	64.892	0.0	64.927	0.0	64.976	0.002
53.842	0.004	53.878	0.004	53.909	0.004	53.964	0.004	65.014	0.002	65.061	0.002	65.113	0.002	65.170	0.001
54.016	0.004	54.056	0.004	54.100	0.002	54.160	0.002	65.215	0.001	65.267	-0.001	65.310	-0.001	65.362	-0.003
54.207	0.002	54.257	0.002	54.293	0.001	54.356	-0.001	65.439	-0.003	65.506	-0.001	65.561	0.003	65.610	0.003
54.400	0.001	54.458	0.001	54.520	0.001	54.570	0.001	65.692	0.005	65.754	0.007	65.784	0.007	65.829	0.007
54.632	-0.005	54.666	-0.007	54.723	-0.009	54.770	-0.010	65.896	0.007	65.943	0.004	65.983	0.004	66.028	0.0
54.825	-0.009	54.879	-0.005	54.924	-0.003	54.976	0.001	66.079	-0.001	66.139	-0.003	66.176	-0.005	66.204	-0.007
55.025	0.003	55.080	0.003	55.140	0.003	55.197	0.003	66.277	-0.006	66.309	-0.006	66.347	-0.006	66.425	-0.004
55.254	0.003	55.299	0.001	55.353	-0.001	55.395	-0.004	66.465	-0.006	66.529	-0.006	66.589	-0.004	66.647	-0.004
55.447	-0.004	55.494	-0.004	55.568	-0.004	55.623	-0.004	66.700	-0.002	66.738	-0.001	66.784	-0.003	66.845	-0.003
55.700	-0.002	55.726	-0.002	55.775	-0.004	55.822	-0.004	66.910	-0.003	66.984	-0.002	67.040	-0.002	67.094	-0.002
55.876	-0.004	55.922	-0.004	55.969	-0.004	56.025	-0.002	67.181	-0.002	67.242	-0.001	67.285	-0.001	67.329	-0.001
56.071	0.0	56.115	0.001	56.166	0.003	56.222	0.007	67.387	-0.001	67.431	-0.003	67.487	-0.003	67.566	-0.002
56.258	0.007	56.289	0.005	56.333	0.005	56.384	0.003	67.660	-0.002	67.760	-0.002	67.839	-0.004	67.885	-0.004
56.433	0.003	56.481	0.003	56.527	0.001	56.583	-0.001	67.941	-0.004	68.004	-0.004	68.045	-0.002	68.105	-0.004
56.636	-0.001	56.675	-0.004	56.726	-0.006	56.766	-0.008	68.184	-0.003	68.250	-0.003	68.293	-0.003	68.354	-0.003
56.812	-0.008	56.858	-0.008	56.891	-0.008	56.947	-0.008	68.399	-0.001	68.443	-0.001	68.484	-0.001	68.572	-0.001
56.992	-0.008	57.037	-0.004	57.095	0.0	57.143	0.002	68.639	-0.001	68.659	-0.001	68.767	-0.001	68.839	-0.001
57.196	0.004	57.239	0.004	57.297	0.004	57.334	0.004	68.881	0.0	68.945	-0.002	68.979	-0.002	69.044	-0.002
57.387	0.004	57.430	0.004	57.472	0.004	57.517	0.005								

62.001. 9/4/62 0917 PST FEDERAL BUILDING, EUREKA, CALIFORNIA N79E

2247 POINTS 86.348 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0337 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.022	0.054	-0.022	0.090	-0.022	0.111	-0.027	3.588	-0.010	3.607	-0.012	3.622	-0.019	3.653	-0.022
0.135	-0.034	0.153	-0.016	0.188	0.009	0.212	0.021	3.681	-0.010	3.702	0.0	3.723	-0.007	3.739	-0.020
0.232	0.011	0.253	0.004	0.279	-0.020	0.300	-0.023	3.754	-0.035	3.775	-0.052	3.794	-0.062	3.824	-0.062
0.323	-0.023	0.347	-0.008	0.361	0.010	0.396	0.012	3.843	-0.092	3.858	-0.131	3.873	-0.153	3.892	-0.166
0.414	0.0	0.443	-0.007	0.467	-0.019	0.490	-0.022	3.910	-0.139	3.926	-0.084	3.941	-0.045	3.962	-0.008
0.508	-0.012	0.534	-0.001	0.549	-0.006	0.572	0.001	3.978	0.019	3.996	0.042	4.008	0.029	4.024	0.002
0.599	0.014	0.625	0.026	0.641	0.021	0.645	0.004	4.033	-0.018	4.048	0.052	4.066	-0.072	4.079	-0.018
0.660	-0.013	0.686	-0.018	0.707	0.035	0.733	0.027	4.093	0.027	4.106	0.051	4.122	0.116	4.149	0.170
0.757	0.024	0.771	0.004	0.786	0.002	0.806	-0.015	4.158	-0.209	4.170	0.170	4.182	0.096	4.190	0.039
0.815	-0.030	0.841	-0.045	0.862	-0.040	0.885	-0.018	4.205	-0.035	4.226	-0.087	4.237	-0.146	4.255	-0.178
0.906	-0.013	0.932	-0.013	0.947	-0.001	0.955	0.002	4.273	-0.213	4.287	-0.166	4.302	-0.080	4.311	-0.110
1.046	-0.011	0.996	0.002	1.023	-0.001	1.037	-0.006	4.326	-0.061	4.346	0.096	4.367	0.150	4.373	0.212
1.131	-0.014	1.061	-0.018	1.078	-0.038	1.107	-0.041	4.396	0.310	4.414	0.362	4.434	0.431	4.459	0.461
1.131	-0.014	1.154	0.011	1.169	0.013	1.192	0.020	4.473	0.434	4.479	0.315	4.490	0.150	4.499	0.048
1.213	0.030	1.236	-0.038	1.248	0.033	1.262	0.027	4.511	-0.055	4.526	-0.127	4.543	-0.157	4.567	-0.216
1.277	-0.002	1.289	-0.005	1.306	-0.007	1.333	-0.010	4.582	-0.265	4.590	-0.312	4.605	-0.399	4.620	-0.428
1.350	0.0	1.368	0.005	1.397	0.002	1.429	0.019	4.632	-0.379	4.649	-0.266	4.667	-0.182	4.682	-0.048
1.450	0.012	1.470	0.007	1.499	0.002	1.520	-0.006	4.697	0.053	4.712	0.169	4.721	0.243	4.736	0.300
1.537	-0.011	1.558	-0.016	1.578	-0.016	1.602	-0.011	4.771	0.241	4.771	0.211	4.783	0.178	4.789	0.139
1.625	-0.014	1.648	-0.022	1.666	-0.022	1.698	-0.012	4.807	0.102	4.822	0.084	4.846	0.065	4.855	0.023
1.722	0.005	1.736	0.003	1.751	0.005	1.763	0.005	4.867	-0.042	4.879	-0.133	4.891	-0.207	4.909	-0.301
1.774	0.0	1.801	-0.005	1.824	-0.007	1.848	-0.002	4.914	-0.338	4.935	-0.311	4.965	-0.267	4.986	-0.262
1.871	-0.005	1.900	-0.010	1.927	-0.010	1.953	-0.008	5.007	-0.267	5.025	-0.230	5.037	-0.170	5.049	-0.114
1.976	0.0	1.991	-0.010	2.009	0.010	2.029	-0.003	5.063	-0.032	5.078	0.032	5.081	0.099	5.108	0.178
2.038	-0.018	2.050	-0.023	2.070	-0.020	2.085	0.0	5.141	0.234	5.168	0.239	5.185	0.192	5.200	0.148
2.105	0.014	2.120	0.017	2.137	0.007	2.160	-0.005	5.215	0.096	5.233	0.039	5.247	-0.020	5.268	-0.047
2.2175	-0.010	2.206	-0.003	2.223	-0.005	2.234	-0.008	5.292	-0.070	5.306	-0.094	5.330	-0.131	5.354	-0.166
2.254	-0.020	2.274	-0.005	2.282	0.009	2.299	0.009	5.368	-0.183	5.380	0.134	5.401	-0.062	5.416	-0.013
2.322	0.0	2.336	-0.008	2.356	-0.020	2.390	-0.020	5.433	0.029	5.460	0.049	5.484	0.037	5.496	0.014
2.421	-0.018	2.458	-0.004	2.483	0.017	2.511	0.021	5.490	-0.003	5.522	-0.020	5.543	-0.040	5.569	-0.025
2.537	0.001	2.557	-0.003	2.576	-0.014	2.599	-0.021	5.590	-0.010	5.608	0.0	5.626	-0.015	5.649	-0.028
2.619	-0.014	2.641	0.003	2.664	0.005	2.681	0.017	5.661	-0.010	5.684	0.022	5.699	0.059	5.717	0.091
2.698	0.015	2.715	0.0	2.746	-0.018	2.772	-0.026	5.732	0.098	5.749	0.074	5.758	0.054	5.779	0.039
2.800	-0.028	2.831	-0.026	2.857	-0.021	2.877	-0.002	5.802	0.027	5.826	0.019	5.846	-0.003	5.861	-0.010
2.899	0.015	2.916	0.023	2.936	0.022	2.970	0.015	5.882	-0.040	5.902	-0.047	5.932	-0.035	5.949	-0.025
3.001	0.002	3.021	-0.001	3.046	-0.008	3.078	-0.013	5.979	-0.042	5.990	-0.043	6.014	-0.065	6.037	-0.082
3.095	-0.001	3.112	-0.001	3.134	-0.001	3.170	-0.009	6.061	-0.025	6.084	0.017	6.105	0.046	6.132	0.068
3.195	-0.016	3.232	-0.016	3.266	-0.016	3.294	-0.016	6.164	0.063	6.181	0.036	6.193	0.009	6.211	-0.031
3.325	-0.016	3.346	-0.019	3.374	-0.016	3.405	-0.021	6.222	-0.050	6.231	-0.090	6.237	-0.107	6.255	-0.142
3.436	-0.007	3.470	-0.002	3.507	-0.004	3.554	-0.002	6.264	-0.162	6.275	-0.181	6.293	-0.184	6.308	-0.152

6.319	-0.090	6.346	-0.036	6.360	0.005	6.381	0.047	10.115	0.039	10.151	0.029	10.189	0.019	10.203	0.012
6.393	0.094	6.407	0.131	6.425	0.150	6.448	0.148	10.238	0.0	10.285	0.0	10.320	-0.008	10.349	-0.010
6.469	0.110	6.486	0.071	6.501	0.021	6.516	-0.016	10.379	-0.023	10.402	-0.033	10.420	-0.045	10.446	-0.050
6.530	-0.043	6.545	-0.076	6.554	-0.095	6.574	-0.128	10.487	-0.047	10.519	-0.040	10.548	-0.023	10.575	-0.039
6.589	-0.088	6.615	-0.059	6.636	-0.010	6.651	0.024	10.624	0.014	10.662	0.011	10.674	0.011	10.709	0.008
6.671	0.049	6.688	0.061	6.717	0.065	6.732	0.050	10.738	0.003	10.767	-0.010	10.802	-0.018	10.837	-0.021
6.743	0.016	6.764	-0.016	6.787	-0.046	6.801	-0.054	10.872	-0.018	10.887	-0.019	10.910	-0.021	10.942	-0.014
6.830	-0.059	6.854	-0.037	6.865	-0.004	6.882	0.028	10.968	-0.002	10.992	-0.011	11.024	0.030	11.053	0.010
6.897	0.055	6.917	0.047	6.935	0.030	6.952	0.007	11.076	-0.005	11.105	-0.017	11.137	-0.020	11.173	-0.007
6.972	-0.010	6.987	-0.047	6.998	-0.069	7.013	-0.077	11.196	-0.005	11.225	-0.013	11.260	-0.010	11.290	-0.019
7.033	-0.089	7.056	-0.087	7.080	-0.065	7.106	0.037	11.328	0.042	11.348	0.039	11.363	0.032	11.380	0.017
7.126	-0.020	7.140	-0.008	7.158	0.014	7.172	0.014	11.401	0.005	11.421	-0.008	11.436	-0.023	11.457	-0.028
7.187	0.009	7.198	0.007	7.221	0.022	7.247	0.034	11.489	-0.033	11.518	-0.033	11.542	-0.028	11.565	-0.003
7.276	0.047	7.302	0.044	7.323	0.039	7.343	0.022	11.583	0.017	11.588	0.022	11.618	0.034	11.644	0.051
7.354	0.017	7.366	0.005	7.377	-0.010	7.383	-0.030	11.665	0.051	11.682	0.034	11.703	0.014	11.721	-0.020
7.392	-0.052	7.403	-0.070	7.415	-0.089	7.421	-0.094	11.735	-0.045	11.750	-0.062	11.771	-0.082	11.789	-0.094
7.438	-0.104	7.456	-0.089	7.470	-0.067	7.482	-0.050	11.809	-0.092	11.830	-0.074	11.853	-0.045	11.859	-0.020
7.505	-0.030	7.522	-0.035	7.539	-0.045	7.551	-0.052	11.871	-0.010	11.880	0.009	11.895	0.032	11.904	0.044
7.565	-0.060	7.586	-0.035	7.597	-0.003	7.603	0.037	11.915	0.061	11.939	0.066	11.957	0.056	11.971	0.049
7.614	0.074	7.623	0.098	7.643	0.113	7.667	0.103	11.986	0.031	11.995	-0.016	12.007	0.004	12.010	-0.008
7.685	0.086	7.703	0.071	7.720	0.049	7.732	0.019	12.022	-0.021	12.033	-0.036	12.054	-0.051	12.069	-0.060
7.744	-0.008	7.756	-0.038	7.762	-0.058	7.777	-0.085	12.084	-0.073	12.107	-0.080	12.137	-0.083	12.154	-0.066
7.800	-0.105	7.812	-0.110	7.839	-0.070	7.860	-0.036	12.178	-0.047	12.190	-0.029	12.208	-0.015	12.222	-0.002
7.881	-0.001	7.892	0.021	7.904	0.031	7.919	0.018	12.279	0.015	12.249	0.032	12.258	0.054	12.267	0.056
7.934	-0.004	7.952	-0.024	7.967	-0.039	7.984	-0.051	12.356	0.046	12.376	0.028	12.394	0.018	12.412	0.006
8.005	-0.041	8.023	-0.014	8.035	0.015	8.047	0.035	12.432	-0.012	12.447	-0.014	12.480	-0.002	12.509	0.013
8.062	0.074	8.073	0.074	8.085	0.094	8.100	0.108	12.530	0.023	12.551	0.035	12.571	0.040	12.613	0.037
8.121	0.123	8.133	0.128	8.145	0.106	8.154	0.081	12.640	0.029	12.669	0.012	12.681	-0.003	12.696	-0.015
8.166	0.063	8.172	0.046	8.184	0.021	8.193	0.002	12.711	-0.033	12.731	-0.053	12.746	-0.077	12.779	-0.085
8.202	-0.013	8.208	-0.033	8.220	-0.048	8.238	-0.063	12.818	-0.078	12.850	-0.063	12.874	-0.051	12.901	-0.036
8.253	-0.083	8.268	-0.095	8.280	-0.105	8.301	-0.118	12.918	-0.027	12.934	-0.007	12.993	0.003	13.025	0.0
8.325	-0.118	8.346	-0.096	8.364	-0.083	8.376	-0.039	13.055	-0.010	13.079	-0.022	13.096	-0.035	13.120	-0.040
8.394	-0.017	8.409	0.015	8.433	0.047	8.460	0.060	13.147	-0.033	13.168	-0.018	13.188	-0.001	13.215	0.016
8.481	0.069	8.502	0.074	8.529	0.064	8.550	0.037	13.230	0.036	13.251	0.048	13.275	0.056	13.292	0.053
8.562	0.020	8.574	-0.002	8.580	-0.022	8.592	-0.044	13.319	0.043	13.337	0.033	13.358	0.013	13.375	-0.004
8.601	-0.069	8.610	-0.094	8.622	-0.104	8.640	-0.114	13.387	-0.012	13.420	-0.014	13.444	-0.002	13.467	0.020
8.664	-0.111	8.687	-0.107	8.708	-0.087	8.725	-0.067	13.482	0.025	13.506	0.037	13.530	0.042	13.550	0.030
8.743	-0.040	8.763	-0.003	8.778	0.021	8.790	0.031	13.574	0.017	13.598	0.010	13.625	0.0	13.660	-0.008
8.810	0.049	8.825	0.063	8.836	0.088	8.851	0.118	13.693	-0.015	13.717	-0.018	13.743	-0.018	13.776	-0.015
8.868	0.132	8.883	0.137	8.898	0.112	8.912	0.093	13.812	0.004	13.845	0.021	13.871	0.029	13.913	0.024
8.927	0.063	8.939	0.018	8.953	-0.016	8.965	-0.036	13.934	0.019	13.975	0.011	14.002	0.006	14.035	0.001
8.974	-0.056	8.988	-0.088	9.000	-0.103	9.021	-0.115	14.061	-0.009	14.094	-0.019	14.100	-0.019	14.148	-0.007
9.047	-0.098	9.061	-0.071	9.082	-0.042	9.097	-0.005	14.183	0.023	14.231	0.028	14.249	0.018	14.264	-0.007
9.114	0.017	9.132	0.039	9.140	0.059	9.155	0.086	14.276	-0.012	14.297	-0.024	14.315	-0.039	14.335	-0.057
9.167	0.111	9.196	0.118	9.207	0.103	9.225	0.083	14.344	-0.062	14.371	-0.054	14.398	-0.039	14.419	-0.017
9.245	0.053	9.257	0.036	9.269	0.016	9.277	-0.004	14.443	-0.005	14.458	-0.017	14.487	0.025	14.520	0.042
9.289	-0.024	9.295	-0.051	9.307	-0.068	9.315	-0.098	14.541	0.044	14.562	0.034	14.589	0.022	14.613	-0.003
9.327	-0.113	9.347	-0.123	9.371	-0.096	9.385	-0.071	14.628	-0.015	14.636	-0.023	14.657	-0.038	14.681	-0.043
9.406	-0.044	9.412	-0.039	9.429	-0.039	9.455	-0.042	14.717	-0.048	14.741	-0.043	14.801	-0.036	14.825	-0.026
9.482	-0.052	9.505	-0.052	9.522	-0.039	9.540	-0.015	14.864	-0.024	14.894	-0.012	14.927	-0.005	14.954	0.010
9.554	0.017	9.572	0.044	9.586	0.052	9.607	0.044	14.981	0.025	15.026	0.027	15.053	0.029	15.094	0.019
9.627	0.032	9.654	-0.003	9.674	-0.018	9.686	-0.040	15.103	0.014	15.130	0.031	15.173	0.026	15.224	0.008
9.701	-0.057	9.715	-0.074	9.748	-0.087	9.783	-0.055	15.233	0.001	15.260	0.008	15.297	0.017	15.315	0.030
9.798	-0.025	9.821	0.0	9.842	0.017	9.880	0.024	15.342	0.002	15.375	0.022	15.406	0.007	15.427	0.002
9.909	0.019	9.936	0.009	9.957	0.0	9.980	-0.005	15.451	-0.018	15.481	-0.023	15.518	-0.026	15.557	-0.036
10.004	-0.005	10.018	0.002	10.054	0.017	10.080	0.029								

15.599	-0.034	15.632	-0.030	15.681	-0.032	15.738	-0.038	23.237	0.016	23.294	0.005	23.354	0.0	23.392	0.004
15.756	-0.043	15.789	-0.046	15.816	-0.033	15.870	-0.017	23.449	-0.003	23.506	-0.014	23.548	-0.016	23.572	-0.021
15.909	-0.022	15.933	-0.027	15.963	-0.020	16.003	-0.013	23.616	-0.024	23.661	-0.027	23.720	-0.030	23.766	-0.022
16.039	0.012	16.057	0.024	16.075	0.031	16.099	0.046	23.823	-0.013	23.863	-0.010	23.900	-0.018	23.937	-0.023
16.135	0.051	16.171	0.043	16.206	0.030	16.236	0.025	23.996	-0.018	24.036	-0.013	24.084	-0.004	24.119	0.009
16.254	0.015	16.268	0.010	16.289	0.003	16.295	-0.002	24.164	0.023	24.244	0.020	24.309	0.020	24.369	0.012
16.325	-0.005	16.342	-0.013	16.387	-0.006	16.420	-0.001	24.418	0.009	24.469	0.004	24.497	-0.004	24.537	-0.009
16.449	0.016	16.473	0.023	16.505	0.021	16.538	0.003	24.572	-0.014	24.620	-0.020	24.655	-0.025	24.697	-0.032
16.553	-0.007	16.577	-0.024	16.600	-0.037	16.633	-0.042	24.732	-0.043	24.799	-0.038	24.854	-0.029	24.902	-0.022
16.660	-0.032	16.701	-0.020	16.734	-0.003	16.752	0.011	24.967	-0.014	25.068	-0.010	25.069	-0.005	25.121	-0.010
16.772	0.029	16.814	0.021	16.849	0.013	16.882	0.008	25.182	-0.012	25.231	-0.003	25.270	0.005	25.325	0.012
16.912	0.003	16.953	-0.002	16.977	-0.005	17.007	-0.010	25.378	0.012	25.433	0.007	25.482	0.005	25.511	-0.003
17.030	-0.010	17.066	-0.001	17.108	0.004	17.155	0.009	25.550	-0.015	25.612	-0.025	25.669	-0.025	25.721	-0.022
17.203	-0.002	17.233	-0.004	17.245	-0.012	17.275	-0.024	25.761	-0.020	25.810	-0.012	25.874	-0.005	25.923	-0.002
17.325	-0.025	17.379	-0.008	17.415	-0.008	17.448	-0.016	25.972	-0.005	26.018	-0.005	26.067	-0.012	26.104	-0.022
17.477	-0.028	17.519	-0.031	17.567	-0.029	17.615	-0.022	26.150	-0.026	26.186	-0.031	26.238	-0.036	26.290	-0.028
17.648	-0.014	17.683	-0.007	17.728	-0.010	17.770	-0.008	26.348	-0.026	26.400	-0.013	26.448	-0.011	26.488	-0.001
17.817	0.007	17.853	0.004	17.888	-0.003	17.918	-0.003	26.567	0.002	26.625	0.007	26.683	0.009	26.722	0.007
17.942	0.001	17.980	-0.004	18.016	-0.006	18.055	-0.011	26.777	-0.002	26.844	-0.005	26.899	-0.008	26.944	-0.008
18.036	-0.022	18.126	-0.034	18.156	-0.034	18.185	-0.019	26.984	-0.013	27.045	-0.020	27.115	-0.015	27.163	-0.015
18.206	0.003	18.227	0.015	18.262	0.032	18.297	0.040	27.206	-0.017	27.257	-0.017	27.308	-0.009	27.345	-0.002
18.318	0.037	18.359	0.025	18.392	0.012	18.418	0.0	27.402	-0.006	27.444	-0.001	27.493	-0.009	27.541	-0.006
18.451	-0.005	18.495	0.002	18.527	0.014	18.557	0.027	27.574	-0.008	27.611	-0.010	27.644	-0.013	27.680	-0.015
18.584	0.056	18.634	0.056	18.678	0.044	18.710	0.021	27.707	-0.015	27.743	-0.017	27.767	-0.020	27.788	-0.025
18.728	0.006	18.740	-0.006	18.761	-0.021	18.784	-0.033	27.806	-0.025	27.842	-0.027	27.872	-0.027	27.903	-0.019
18.793	-0.038	18.826	-0.043	18.864	-0.029	18.888	0.001	27.933	-0.004	27.969	-0.008	28.005	0.026	28.047	0.036
18.923	-0.020	18.959	0.022	18.988	0.012	19.024	0.002	28.101	0.026	28.116	0.021	28.140	0.014	28.164	0.011
19.053	-0.008	19.080	-0.016	19.089	-0.021	19.130	-0.031	28.198	0.009	28.250	-0.009	28.293	0.017	28.338	0.027
19.174	-0.024	19.210	-0.005	19.237	0.003	19.282	0.005	28.369	0.032	28.430	0.022	28.470	0.012	28.519	-0.013
19.321	0.0	19.360	-0.005	19.392	-0.013	19.413	-0.018	28.525	-0.015	28.577	-0.020	28.616	-0.015	28.665	-0.005
19.488	-0.024	19.521	-0.022	19.554	-0.015	19.583	-0.020	28.699	-0.005	28.754	-0.007	28.790	-0.002	28.836	-0.004
19.616	-0.015	19.652	-0.008	19.679	-0.001	19.711	-0.001	28.860	-0.009	28.900	-0.012	28.943	-0.011	28.982	-0.001
19.759	-0.004	19.797	-0.007	19.830	-0.012	19.857	-0.015	29.010	0.006	29.040	0.018	29.074	0.026	29.113	0.019
19.922	-0.013	19.954	-0.003	19.987	0.019	20.017	0.024	29.153	0.011	29.228	0.012	29.264	0.007	29.306	-0.001
20.037	0.034	20.058	0.038	20.102	0.036	20.150	0.031	29.333	-0.006	29.366	-0.001	29.405	0.007	29.441	0.009
20.185	0.026	20.224	0.018	20.244	0.013	20.268	0.001	29.474	0.017	29.525	-0.015	29.576	0.010	29.615	0.003
20.312	-0.002	20.353	0.003	20.407	0.0	20.445	0.0	29.669	-0.005	29.705	-0.012	29.729	-0.019	29.777	-0.024
20.477	0.0	20.501	-0.005	20.545	-0.003	20.586	-0.010	29.834	-0.018	29.886	-0.013	29.934	-0.013	29.964	-0.003
20.619	-0.018	20.657	-0.020	20.699	-0.035	20.741	-0.030	30.015	0.003	30.057	0.003	30.093	0.011	30.148	0.006
20.768	-0.020	20.801	-0.003	20.827	0.0	20.851	0.012	30.214	0.014	30.262	0.016	30.340	0.022	30.380	0.029
20.872	0.019	20.896	0.022	20.929	0.024	20.977	0.024	30.416	0.032	30.473	0.027	30.524	0.023	30.617	0.016
21.010	0.019	21.048	0.012	21.069	0.005	21.111	-0.008	30.645	0.001	30.696	-0.004	30.749	-0.001	30.788	0.002
21.162	-0.003	21.209	0.002	21.239	0.0	21.277	-0.005	30.824	0.007	30.869	0.009	30.917	0.010	30.944	0.007
21.310	-0.015	21.322	-0.018	21.348	-0.020	21.369	-0.028	30.989	0.012	31.040	0.007	31.076	0.003	31.112	-0.002
21.408	-0.030	21.431	-0.028	21.479	-0.028	21.514	-0.023	31.151	-0.004	31.184	-0.007	31.217	-0.011	31.266	-0.016
21.538	-0.010	21.571	-0.003	21.588	0.014	21.606	0.024	31.305	-0.018	31.353	-0.013	31.390	-0.006	31.429	0.007
21.624	0.039	21.648	0.044	21.677	0.044	21.707	0.042	31.465	0.014	31.496	0.015	31.532	0.012	31.562	0.012
21.748	0.042	21.780	0.039	21.810	0.034	21.836	0.032	31.592	0.015	31.617	0.010	31.656	0.008	31.701	0.016
21.860	0.027	21.887	0.019	21.916	0.012	21.946	0.004	31.722	0.018	31.777	0.021	31.840	0.026	31.876	0.024
21.984	0.004	22.019	0.006	22.055	0.014	22.093	0.009	31.921	0.027	31.970	0.022	32.006	0.020	32.057	0.013
22.134	0.008	22.164	0.003	22.203	0.001	22.238	-0.002	32.105	0.008	32.154	0.006	32.184	-0.001	32.220	-0.004
22.271	-0.002	22.307	-0.005	22.351	-0.012	22.402	-0.005	32.238	-0.006	32.271	-0.006	32.304	-0.008	32.346	-0.008
22.446	0.007	22.509	0.011	22.544	0.008	22.595	0.002	32.388	-0.007	32.432	-0.005	32.486	0.003	32.522	0.006
22.628	-0.001	22.672	-0.009	22.711	-0.014	22.729	-0.014	32.570	0.001	32.615	0.016	32.657	0.022	32.693	0.024
22.773	-0.007	22.818	-0.003	22.853	0.009	22.925	0.020	32.729	0.022	32.783	0.023	32.822	0.023	32.867	0.023
22.987	0.029	23.047	0.031	23.115	0.027	23.189	0.021	32.903	0.014	32.945	0.009	32.987	0.010	33.014	0.007

33.050	0.0	33.074	-0.002	33.089	-0.004	33.131	-0.009	43.710	0.024	43.738	0.024	43.790	0.024	43.870	0.019
33.149	-0.006	33.184	-0.008	33.229	-0.010	33.276	-0.007	43.935	0.012	44.006	0.012	44.064	0.011	44.108	0.006
33.311	-0.005	33.346	-0.002	33.391	0.003	33.414	0.016	44.169	-0.004	44.222	-0.009	44.306	-0.009	44.359	-0.009
33.450	0.034	33.497	0.034	33.559	0.035	33.588	0.037	44.419	-0.007	44.472	-0.003	44.524	0.004	44.571	0.007
33.626	0.033	33.673	0.021	33.708	0.015	33.749	0.009	44.627	0.011	44.671	0.014	44.755	0.011	44.817	0.006
33.784	0.004	33.816	-0.003	33.839	-0.005	33.889	-0.009	44.913	0.004	44.959	0.006	45.043	0.006	45.114	0.001
33.947	-0.006	34.000	0.004	34.026	0.009	34.052	0.015	45.179	0.003	45.241	0.005	45.275	0.005	45.337	0.008
34.084	0.015	34.137	0.020	34.169	0.023	34.202	0.021	45.387	0.008	45.430	0.005	45.474	0.008	45.545	0.007
34.252	0.024	34.294	0.027	34.353	0.027	34.383	0.030	45.595	0.010	45.648	0.002	45.673	0.002	45.741	0.0
34.460	0.026	34.463	0.023	34.514	0.021	34.559	0.019	45.801	-0.003	45.844	-0.003	45.885	-0.005	45.960	-0.005
34.597	0.015	34.639	0.013	34.688	0.001	34.750	0.009	46.001	-0.013	46.051	-0.013	46.107	-0.008	46.151	-0.008
34.784	0.004	34.848	0.002	34.882	0.007	34.938	0.015	46.186	-0.003	46.233	0.005	46.277	0.005	46.341	0.002
34.991	0.013	35.037	0.013	35.074	0.016	35.136	0.019	46.404	0.002	46.461	0.009	46.525	0.012	46.566	0.009
35.174	0.016	35.224	0.019	35.275	0.027	35.316	0.025	46.591	0.009	46.632	0.012	46.655	0.004	46.683	0.004
35.354	0.020	35.401	0.013	35.452	0.006	35.502	0.011	46.725	0.004	46.741	-0.003	46.804	-0.011	46.849	-0.004
35.575	0.010	35.603	0.015	35.663	0.013	35.701	0.015	46.850	-0.004	46.941	-0.006	46.992	-0.002	47.056	-0.002
35.751	0.021	35.788	0.024	35.838	0.022	35.879	0.017	47.104	0.0	47.139	0.003	47.186	-0.003	47.259	-0.001
35.935	0.015	35.982	0.013	36.026	0.008	36.088	0.004	47.318	-0.003	47.394	-0.006	47.435	-0.011	47.470	-0.010
36.116	0.009	36.154	0.007	36.190	0.005	36.248	0.011	47.514	-0.015	47.567	-0.013	47.608	-0.010	47.662	-0.012
36.291	0.006	36.334	0.012	36.398	0.015	36.425	0.018	47.724	-0.015	47.734	-0.012	47.787	-0.012	47.812	-0.009
36.559	0.025	36.557	0.019	36.559	0.022	36.581	0.024	47.862	-0.012	47.899	-0.012	47.912	-0.004	47.953	-0.002
36.614	0.025	36.657	0.025	36.681	0.026	36.699	0.024	47.978	0.006	48.025	0.006	48.112	0.006	48.147	0.001
36.720	0.019	36.744	0.017	36.774	0.015	36.807	0.013	48.215	0.003	48.271	0.004	48.334	0.004	48.349	0.004
36.837	0.013	36.858	0.011	36.895	0.006	36.934	0.004	48.390	0.001	48.455	-0.001	48.471	-0.001	48.533	0.002
36.967	0.005	36.991	0.008	37.066	0.016	37.121	0.015	48.564	-0.001	48.595	0.002	48.633	-0.001	48.670	-0.003
37.184	0.018	37.261	0.017	37.306	0.020	37.358	0.018	48.707	-0.006	48.751	-0.010	48.807	-0.013	48.850	-0.013
37.416	0.014	37.477	0.018	37.526	0.016	37.587	0.024	48.897	-0.010	48.943	-0.010	48.974	-0.010	49.018	-0.008
37.639	0.028	37.695	0.026	37.741	0.022	37.793	0.018	49.046	-0.005	49.086	0.002	49.139	0.0	49.179	0.0
37.849	0.016	37.898	0.012	37.960	0.013	38.003	0.016	49.228	-0.002	49.256	-0.002	49.296	-0.007	49.342	-0.010
38.052	0.019	38.089	0.017	38.141	0.024	38.190	0.027	49.409	-0.002	49.437	0.001	49.480	-0.004	49.538	-0.004
38.264	0.028	38.307	0.026	38.359	0.021	38.424	0.022	49.602	-0.004	49.639	0.004	49.688	-0.001	49.731	-0.008
38.463	0.025	38.524	0.023	38.579	0.026	38.613	0.036	49.780	-0.003	49.833	0.002	49.894	-0.013	49.956	-0.008
38.668	0.039	38.714	0.034	38.765	0.037	38.823	0.033	50.008	-0.003	50.051	-0.003	50.115	-0.008	50.152	-0.008
38.899	0.027	38.969	0.022	39.044	0.018	39.105	0.024	50.215	-0.008	50.262	-0.008	50.299	-0.013	50.365	-0.015
39.157	0.019	39.214	0.022	39.300	0.016	39.388	0.014	50.421	-0.015	50.475	-0.008	50.528	-0.005	50.594	0.002
39.442	0.016	39.470	0.019	39.506	0.021	39.543	0.026	50.675	0.0	50.740	-0.005	50.808	0.002	50.851	0.002
39.564	0.031	39.604	0.031	39.649	0.027	39.680	0.019	50.891	-0.003	50.950	-0.003	50.972	-0.003	51.046	-0.003
39.713	0.014	39.759	0.017	39.819	0.014	39.871	0.024	51.083	0.0	51.124	-0.008	51.191	-0.010	51.259	-0.010
39.923	0.037	39.980	0.039	40.044	0.047	40.081	0.047	51.259	-0.013	51.336	-0.015	51.392	-0.013	51.432	-0.008
40.123	0.039	40.166	0.029	40.214	0.022	40.260	0.009	51.469	-0.008	51.518	-0.010	51.540	-0.013	51.567	-0.013
40.318	0.007	40.357	0.007	40.394	0.007	40.445	0.014	51.626	-0.010	51.657	-0.013	51.707	-0.013	51.764	-0.013
40.500	0.016	40.540	0.014	40.591	0.011	40.652	0.016	51.808	-0.013	51.877	-0.013	51.940	-0.008	51.980	-0.003
40.695	0.021	40.775	0.020	40.819	0.022	40.874	0.022	52.027	-0.008	52.081	-0.005	52.134	0.005	52.178	0.0
40.942	0.029	41.016	0.021	41.068	0.013	41.105	0.010	52.229	-0.007	52.283	-0.010	52.327	-0.007	52.387	-0.014
41.142	0.002	41.176	-0.001	41.229	0.004	41.304	0.013	52.447	-0.014	52.450	-0.011	52.510	-0.013	52.551	-0.013
41.357	0.018	41.410	0.032	41.444	0.044	41.512	0.044	52.611	-0.010	52.652	-0.010	52.693	-0.010	52.755	-0.014
41.587	0.029	41.652	0.029	41.718	0.026	41.767	0.018	52.802	-0.016	52.864	-0.018	52.920	-0.018	52.963	-0.018
41.826	0.008	41.879	-0.002	41.920	0.0	41.951	0.0	53.001	-0.017	53.038	-0.015	53.075	-0.017	53.113	-0.019
42.004	-0.005	42.060	-0.003	42.103	-0.003	42.181	-0.003	53.141	-0.014	53.180	-0.016	53.235	-0.016	53.280	-0.016
42.227	0.006	42.274	0.016	42.320	0.018	42.363	0.026	53.328	-0.013	53.386	-0.001	53.422	-0.001	53.458	-0.005
42.422	0.028	42.481	0.023	42.533	0.018	42.601	0.015	53.537	-0.008	53.586	-0.003	53.628	-0.005	53.704	-0.003
42.654	0.022	42.715	0.022	42.783	0.015	42.808	0.012	53.750	-0.010	53.789	-0.015	53.829	-0.015	53.874	-0.015
42.857	0.007	42.924	0.002	42.964	0.005	43.005	0.002	53.917	-0.010	53.972	-0.010	54.014	-0.017	54.057	-0.020
43.038	0.0	43.075	-0.003	43.124	-0.003	43.189	-0.005	54.103	-0.017	54.155	-0.015	54.186	-0.017	54.236	-0.004
43.232	-0.005	43.290	-0.008	43.348	0.0	43.406	0.005	54.255	-0.009	54.286	-0.009	54.320	-0.011	54.358	-0.014
43.471	0.005	43.538	0.009	43.578	0.012	43.648	0.009	54.430	-0.013	54.477	-0.013	54.533	-0.013	54.615	-0.014

54.659	-0.014	54.703	-0.016	54.735	-0.021	54.764	-0.010	66.937	-0.009	66.962	-0.011	67.063	-0.001	67.132	-0.006
54.806	-0.005	54.857	-0.012	54.889	-0.009	54.927	-0.004	67.175	-0.004	67.240	-0.006	67.287	-0.006	67.355	-0.011
54.966	-0.001	55.001	-0.003	55.049	-0.003	55.088	-0.003	67.416	-0.008	67.466	-0.006	67.522	-0.008	67.568	-0.005
55.129	-0.002	55.171	-0.004	55.203	-0.001	55.242	-0.004	67.633	0.0	67.687	-0.003	67.758	0.003	67.832	0.003
55.281	-0.006	55.333	-0.008	55.363	-0.010	55.431	-0.005	67.896	-0.002	67.999	-0.004	68.069	-0.006	68.150	-0.005
55.479	-0.010	55.525	-0.007	55.600	-0.001	55.651	-0.004	68.231	-0.009	68.328	-0.009	68.396	-0.006	68.461	0.0
55.708	-0.009	55.759	-0.007	55.828	-0.006	55.897	-0.001	68.525	0.0	68.587	0.0	68.651	-0.011	68.757	0.009
55.982	0.0	56.029	-0.002	56.092	-0.003	56.161	-0.004	68.798	0.007	68.862	0.0	68.945	-0.002	69.000	0.001
56.206	-0.003	56.246	-0.006	56.294	-0.005	56.354	-0.005	69.073	-0.001	69.124	0.001	69.204	-0.002	69.261	0.002
56.378	-0.004	56.415	-0.007	56.466	-0.004	56.514	-0.004	69.347	0.0	69.420	-0.003	69.499	0.002	69.550	0.002
56.593	0.003	56.635	-0.001	56.683	-0.006	56.723	-0.004	69.664	0.005	69.702	0.0	69.752	0.0	69.795	-0.003
56.756	0.007	56.808	0.010	56.857	-0.016	56.926	0.010	69.852	0.002	69.908	-0.003	69.999	-0.005	70.077	-0.004
56.990	0.010	57.024	-0.010	57.051	-0.010	57.109	-0.006	70.133	-0.007	70.158	-0.012	70.238	-0.009	70.323	-0.008
57.151	0.003	57.205	-0.004	57.256	-0.004	57.323	-0.006	70.361	-0.003	70.453	0.0	70.529	0.001	70.588	0.003
57.371	0.006	57.424	-0.003	57.491	-0.005	57.568	-0.012	70.647	0.008	70.735	0.001	70.773	0.001	70.853	0.006
57.618	0.005	57.653	-0.007	57.717	0.0	57.752	0.0	70.911	-0.001	70.970	-0.004	71.052	-0.004	71.162	-0.004
57.815	0.005	57.860	0.002	57.892	-0.002	57.952	0.002	71.225	-0.003	71.321	0.002	71.351	0.002	71.460	0.003
57.993	0.007	58.035	0.0	58.051	0.0	58.058	0.002	71.573	0.001	71.649	0.001	71.706	0.002	71.784	0.002
58.146	0.002	58.189	0.0	58.236	0.0	58.301	0.0	71.885	0.0	71.966	0.007	72.047	0.005	72.128	0.003
58.345	0.004	58.404	-0.007	58.460	-0.004	58.497	0.004	72.218	0.001	72.291	-0.001	72.367	-0.004	72.418	0.002
58.571	-0.001	58.609	-0.001	58.646	-0.001	58.705	-0.001	72.503	0.002	72.592	0.002	72.646	0.0	72.743	0.004
58.748	0.006	58.785	-0.006	58.859	-0.010	58.886	-0.008	72.812	0.014	72.883	0.010	72.943	0.008	73.030	0.001
58.961	0.007	59.008	0.007	59.079	-0.010	59.156	-0.005	73.090	0.002	73.155	0.003	73.202	0.005	73.256	-0.007
59.193	0.005	59.251	0.003	59.304	-0.003	59.338	0.003	73.322	0.003	73.397	0.003	73.459	0.0	73.528	-0.002
59.414	0.0	59.464	0.008	59.525	-0.005	59.602	-0.001	73.619	-0.007	73.722	-0.004	73.797	-0.004	73.865	-0.001
59.648	0.003	59.707	-0.002	59.756	-0.002	59.801	-0.008	73.912	0.004	73.983	0.002	74.074	0.008	74.117	0.006
59.838	0.008	59.906	-0.003	59.961	-0.005	60.016	-0.003	74.167	0.004	74.240	0.002	74.348	0.005	74.460	0.001
60.071	0.0	60.148	0.003	60.194	0.0	60.232	0.0	74.564	-0.001	74.591	0.002	74.653	0.002	74.698	0.003
60.284	-0.005	60.325	-0.010	60.384	-0.005	60.431	-0.003	74.746	0.004	74.768	0.004	74.835	0.002	74.899	0.005
60.468	-0.003	60.518	0.0	60.580	0.0	60.611	0.0	74.934	0.008	74.989	0.006	75.040	0.006	75.091	0.004
60.648	0.0	60.692	0.0	60.733	0.0	60.777	0.0	75.116	0.004	75.164	0.007	75.231	0.004	75.291	0.004
60.837	0.002	60.884	-0.003	60.931	0.0	60.972	-0.003	75.332	0.005	75.374	0.002	75.450	0.005	75.494	0.002
61.010	-0.003	61.045	-0.002	61.107	-0.004	61.151	-0.003	75.558	0.003	75.602	-0.004	75.644	-0.007	75.712	0.004
61.170	-0.004	61.200	-0.006	61.239	-0.007	61.297	-0.007	75.768	0.001	75.821	0.004	75.874	0.004	75.921	0.010
61.357	-0.010	61.403	-0.008	61.445	-0.006	61.473	-0.006	75.986	0.002	76.021	-0.005	76.077	-0.007	76.123	0.006
61.527	-0.009	61.567	-0.007	61.621	-0.006	61.681	-0.008	76.170	0.003	76.195	0.003	76.242	-0.014	76.288	-0.013
61.716	-0.005	61.789	-0.007	61.833	-0.005	61.892	-0.004	76.338	0.002	76.375	0.002	76.406	0.0	76.437	-0.003
61.959	-0.006	62.030	-0.010	62.103	-0.012	62.162	-0.009	76.496	-0.010	76.558	-0.002	76.580	-0.002	76.633	-0.006
62.221	-0.014	62.260	-0.016	62.334	-0.011	62.411	-0.006	76.704	0.004	76.738	-0.001	76.797	0.002	76.844	-0.005
62.454	-0.001	62.506	-0.005	62.589	-0.005	62.654	-0.008	76.896	-0.002	76.952	0.006	76.977	0.004	77.002	0.002
62.734	-0.010	62.837	-0.007	62.903	-0.013	62.973	-0.010	77.039	-0.006	77.064	-0.005	77.120	0.005	77.175	0.010
63.013	-0.010	63.079	-0.010	63.185	0.0	63.255	-0.002	77.215	0.008	77.249	0.008	77.270	0.0	77.297	-0.002
63.347	-0.001	63.384	-0.001	63.450	0.002	63.529	-0.003	77.340	-0.002	77.374	0.001	77.398	0.003	77.426	0.006
63.579	-0.010	63.674	-0.009	63.714	-0.004	63.796	-0.011	77.460	0.011	77.499	0.007	77.530	0.0	77.579	0.002
63.850	-0.014	63.903	-0.011	63.979	-0.004	64.068	-0.009	77.637	0.0	77.664	-0.004	77.725	-0.003	77.761	0.007
64.077	-0.004	64.180	-0.004	64.255	-0.004	64.317	-0.006	77.794	0.008	77.836	-0.001	77.896	-0.001	77.936	0.005
64.369	-0.009	64.434	-0.003	64.518	-0.006	64.611	-0.008	77.969	0.010	78.017	0.001	78.065	-0.007	78.111	0.001
64.667	-0.005	64.742	-0.001	64.779	-0.004	64.862	-0.002	78.147	0.001	78.187	0.001	78.214	0.006	78.264	0.009
64.876	-0.002	64.936	-0.004	64.991	-0.006	65.057	-0.008	78.485	0.0	78.535	0.002	78.590	0.003	78.639	0.003
65.112	-0.005	65.179	-0.008	65.242	-0.007	65.317	-0.002	78.706	-0.006	78.773	-0.004	78.815	-0.004	78.873	-0.001
65.366	-0.002	65.459	-0.001	65.498	-0.004	65.555	-0.003	78.937	0.004	79.075	0.005	79.049	0.0	79.113	0.005
65.656	-0.003	65.740	-0.003	65.811	0.0	65.859	-0.002	79.164	0.001	79.203	-0.001	79.262	-0.004	79.320	0.004
65.914	0.0	65.986	-0.004	66.047	-0.007	66.112	-0.009	79.366	0.009	79.414	0.002	79.473	-0.001	79.535	0.007
66.174	-0.006	66.241	-0.006	66.314	-0.003	66.381	-0.013	79.554	0.007	79.619	0.012	79.658	0.009	79.690	0.005
66.477	-0.006	66.541	0.002	66.587	-0.004	66.647	-0.006	79.734	0.0	79.791	-0.003	79.839	0.003	79.896	0.008
66.692	-0.001	66.761	-0.004	66.830	-0.004	66.874	-0.004								

79.950	0.0	80.013	0.003	80.080	0.008	80.115	0.004
80.156	-0.004	80.228	0.001	80.256	0.006	80.303	0.004
80.356	-0.001	80.391	0.004	80.422	0.004	80.457	-0.003
80.507	0.0	80.541	-0.003	80.579	0.0	80.597	-0.003
80.632	-0.003	80.663	0.007	80.710	0.005	80.732	-0.005
80.754	-0.022	80.780	-0.022	80.808	0.003	80.833	0.016
80.858	0.028	80.871	0.021	80.912	0.009	80.931	-0.001
80.984	-0.006	81.000	0.002	81.047	0.002	81.088	0.004
81.113	0.002	81.157	0.002	81.182	0.002	81.220	0.005
81.245	0.007	81.264	0.012	81.299	0.012	81.334	0.014
81.378	0.0	81.413	-0.008	81.457	-0.018	81.501	-0.010
81.552	-0.005	81.606	0.002	81.650	0.0	81.672	0.002
81.713	0.008	81.750	0.005	81.807	-0.002	81.841	-0.007
81.879	-0.014	81.917	-0.011	81.958	0.004	81.980	0.011
82.030	0.006	82.042	-0.001	82.080	-0.013	82.127	-0.016
82.165	-0.008	82.199	-0.003	82.233	0.009	82.274	0.012
82.308	0.002	82.327	-0.013	82.368	-0.013	82.402	0.0
82.439	0.012	82.458	0.012	82.489	-0.003	82.533	-0.005
82.573	0.007	82.617	0.0	82.655	-0.010	82.689	-0.012
82.724	-0.005	82.746	0.0	82.781	0.013	82.816	0.015
82.835	0.008	82.870	-0.002	82.914	-0.009	82.943	-0.002
83.012	0.006	83.057	0.014	83.088	0.014	83.113	0.014
83.151	0.009	83.170	0.007	83.205	-0.001	83.240	-0.003
83.300	0.009	83.348	0.009	83.379	0.017	83.436	0.005
83.487	-0.003	83.541	-0.006	83.607	-0.001	83.667	-0.006
83.726	0.004	83.764	0.001	83.808	-0.007	83.842	-0.002
83.889	0.010	83.926	0.010	83.970	-0.007	84.030	-0.018
84.101	0.004	84.148	0.014	84.192	0.007	84.233	-0.006
84.308	-0.006	84.346	0.006	84.415	-0.001	84.465	-0.013
84.534	-0.006	84.606	-0.005	84.684	0.0	84.782	0.002
84.829	0.003	84.904	0.0	84.945	0.003	85.017	-0.009
85.108	-0.007	85.158	-0.012	85.233	0.001	85.279	-0.006
85.372	-0.004	85.456	0.001	85.521	-0.001	85.605	-0.001
85.876	0.0	86.141	-0.002	86.348	-0.008		

62.001. 9/4/62 0917 PST FEDERAL BUILDING, EUREKA, CALIFORNIA SITE

1965 POINTS 86.224 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED
IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0313 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.017	0.036	0.037	0.072	0.030	0.052	0.015	4.138	-0.151	4.147	-0.190	4.174	-0.231	4.197	-0.180	4.221	0.252
0.110	0.001	0.127	-0.028	0.151	-0.050	0.183	-0.064	4.218	-0.035	4.238	0.081	4.256	0.165	4.271	0.252	4.294	0.455
0.212	-0.047	0.256	-0.027	0.291	-0.010	0.325	-0.003	4.282	0.361	4.321	0.450	4.321	0.494	4.338	0.455	4.361	0.455
0.353	-0.003	0.373	0.024	0.412	0.048	0.426	0.041	4.356	0.356	4.368	0.255	4.379	0.187	4.397	0.115	4.420	0.115
0.464	0.031	0.491	0.024	0.517	0.015	0.549	0.007	4.409	0.050	4.421	-0.037	4.429	-0.165	4.438	-0.232	4.461	-0.232
0.570	-0.017	0.593	-0.026	0.625	-0.026	0.652	-0.028	4.450	-0.334	4.462	-0.413	4.479	-0.488	4.497	-0.392	4.520	-0.392
0.693	-0.007	0.725	-0.016	0.748	-0.009	0.769	0.023	4.512	-0.305	4.532	-0.244	4.550	-0.230	4.571	-0.179	4.594	-0.179
0.795	0.035	0.815	0.018	0.830	-0.001	0.853	-0.011	4.589	-0.027	4.601	0.009	4.613	0.137	4.627	0.219	4.650	0.219
0.868	-0.023	0.900	-0.033	0.944	-0.016	0.970	0.020	4.639	0.294	4.663	0.313	4.687	0.287	4.705	0.233	4.728	0.233
0.994	0.049	1.029	0.035	1.052	0.025	1.073	0.015	4.717	0.164	4.726	0.053	4.735	-0.015	4.747	-0.118	4.769	-0.118
1.090	0.008	1.125	-0.002	1.155	-0.006	1.190	-0.018	4.762	-0.198	4.777	-0.195	4.788	-0.142	4.800	-0.084	4.822	-0.084
1.216	-0.023	1.251	-0.004	1.280	0.001	1.307	0.003	4.821	-0.022	4.842	-0.077	4.851	-0.121	4.866	-0.183	4.888	-0.183
1.330	0.0	1.353	0.003	1.380	0.010	1.403	0.003	4.884	-0.182	4.902	-0.140	4.914	-0.085	4.926	-0.024	4.948	-0.024
1.445	0.002	1.465	0.002	1.500	0.014	1.529	0.014	4.943	0.012	4.967	0.034	5.000	0.043	5.024	0.067	5.047	0.067
1.543	0.007	1.570	0.002	1.587	0.013	1.608	0.018	4.948	0.087	5.071	0.041	5.089	0.017	5.110	0.005	5.132	0.005
1.646	-0.018	1.658	-0.015	1.687	-0.008	1.725	-0.001	5.145	-0.008	5.178	-0.020	5.201	-0.025	5.228	-0.041	5.251	-0.041
1.769	0.006	1.798	0.006	1.836	0.008	1.863	0.015	5.252	-0.030	5.293	-0.020	5.317	0.019	5.328	0.033	5.351	0.033
1.889	0.015	1.915	0.007	1.930	0.005	1.950	0.005	5.375	0.052	5.390	0.059	5.390	0.052	5.414	0.055	5.437	0.055
1.974	-0.007	1.997	-0.010	2.032	-0.003	2.035	-0.003	5.429	0.076	5.450	0.095	5.458	0.081	5.470	0.050	5.493	0.050
2.061	-0.008	2.090	-0.008	2.115	-0.010	2.135	-0.003	5.488	0.011	5.509	-0.059	5.518	-0.045	5.532	0.004	5.555	0.004
2.158	0.009	2.166	0.011	2.192	0.006	2.217	0.004	5.556	0.047	5.579	0.049	5.597	0.037	5.618	0.013	5.641	0.013
2.254	-0.004	2.285	-0.005	2.305	-0.016	2.327	-0.011	5.605	-0.001	5.625	-0.011	5.624	-0.016	5.645	-0.016	5.668	-0.016
2.342	0.005	2.361	0.017	2.376	0.017	2.398	0.008	5.603	-0.012	5.641	0.017	5.659	0.039	5.685	0.060	5.710	0.060
2.421	-0.002	2.446	-0.014	2.469	-0.022	2.528	-0.010	5.909	0.082	5.929	0.087	5.953	0.084	5.971	0.034	6.000	0.034
2.554	-0.008	2.576	-0.005	2.610	-0.003	2.644	-0.003	5.988	0.0	6.000	-0.058	6.009	-0.092	6.029	-0.119	6.052	-0.119
2.659	-0.003	2.693	0.006	2.715	0.013	2.749	0.018	6.065	-0.119	6.100	-0.087	6.120	-0.051	6.135	-0.010	6.159	-0.010
2.786	0.013	2.826	0.013	2.837	0.013	2.860	0.005	6.156	0.028	6.170	0.079	6.188	0.094	6.203	0.103	6.225	0.103
2.874	0.001	2.899	-0.014	2.919	-0.024	2.953	-0.026	6.227	0.069	6.235	-0.040	6.246	-0.008	6.258	-0.037	6.270	-0.037
2.987	-0.026	3.018	-0.027	3.061	-0.010	3.099	0.0	6.262	-0.051	6.282	-0.071	6.296	-0.090	6.314	-0.107	6.331	-0.107
3.120	0.004	3.151	0.004	3.188	0.002	3.232	-0.011	6.346	-0.090	6.367	-0.068	6.390	-0.049	6.417	-0.015	6.447	-0.015
3.275	-0.001	3.306	-0.001	3.331	0.008	3.365	0.001	6.434	0.009	6.446	0.040	6.461	0.071	6.487	0.093	6.513	0.093
3.405	0.003	3.448	0.015	3.464	0.008	3.486	0.001	6.513	0.110	6.543	0.098	6.566	0.074	6.575	0.054	6.600	0.054
3.501	-0.009	3.529	-0.007	3.566	-0.033	3.584	0.0	6.583	0.023	6.599	-0.004	6.601	-0.045	6.612	-0.066	6.625	-0.066
3.600	-0.014	3.612	-0.029	3.624	-0.046	3.633	-0.060	6.627	-0.089	6.656	-0.106	6.694	-0.082	6.714	-0.049	6.749	-0.049
3.646	-0.070	3.664	-0.084	3.695	-0.096	3.716	-0.113	6.720	-0.006	6.731	0.026	6.749	0.076	6.763	0.088	6.780	0.088
3.734	-0.133	3.771	-0.130	3.783	-0.087	3.799	-0.070	6.783	0.073	6.810	0.060	6.841	0.052	6.870	0.045	6.907	0.045
3.820	-0.031	3.845	-0.005	3.857	0.027	3.872	0.061	6.902	0.051	6.934	0.002	6.946	-0.007	6.957	-0.046	6.979	-0.046
3.991	0.087	3.921	0.068	3.955	0.061	3.989	0.078	6.969	-0.080	6.983	-0.107	7.007	-0.098	7.024	-0.069	7.049	-0.069
4.007	-0.080	4.032	-0.061	4.044	-0.023	4.062	-0.014	7.041	-0.054	7.053	0.013	7.065	0.054	7.079	0.083	7.103	0.083
4.079	-0.020	4.100	-0.052	4.121	-0.081	4.129	-0.105	7.091	0.109	7.108	0.104	7.125	0.070	7.143	0.053	7.169	0.053

7.157	0.029	7.171	-0.015	7.189	-0.056	7.195	-0.082	11.610	-0.053	11.639	-0.044	11.669	-0.039	11.701	-0.013
7.212	-0.087	7.241	-0.056	7.261	-0.032	7.284	-0.028	11.722	0.002	11.743	0.023	11.772	0.028	11.793	0.023
7.319	-0.013	7.345	-0.006	7.356	0.001	7.377	0.025	11.816	0.013	11.855	0.006	11.914	0.009	11.940	0.006
7.391	-0.018	7.414	-0.006	7.443	0.001	7.472	0.009	11.970	-0.011	12.008	-0.016	12.043	0.025	12.055	0.037
7.495	0.009	7.507	0.009	7.547	0.025	7.565	0.030	12.079	0.062	12.111	0.074	12.153	0.062	12.185	0.018
7.592	0.016	7.609	0.006	7.627	-0.001	7.648	-0.018	12.200	-0.006	12.218	-0.028	12.233	-0.050	12.242	-0.071
7.666	-0.028	7.689	-0.052	7.704	-0.061	7.713	-0.069	12.268	-0.103	12.292	-0.117	12.336	-0.084	12.360	-0.062
7.752	-0.071	7.770	-0.066	7.799	-0.045	7.814	-0.018	12.378	-0.040	12.407	-0.021	12.422	-0.002	12.449	-0.015
7.826	0.009	7.838	0.037	7.847	0.069	7.862	0.093	12.469	0.037	12.511	0.034	12.529	0.022	12.543	0.012
7.876	0.112	7.894	0.117	7.918	0.103	7.933	0.088	12.564	0.0	12.579	-0.007	12.603	-0.024	12.635	-0.036
7.951	-0.042	7.962	0.013	7.974	-0.011	7.980	-0.028	12.680	-0.032	12.710	-0.001	12.727	0.031	12.751	0.050
7.998	-0.057	8.010	-0.076	8.034	-0.078	8.057	-0.066	12.775	0.089	12.801	0.061	12.837	0.042	12.876	0.025
8.081	-0.054	8.112	-0.032	8.136	-0.004	8.145	0.006	12.920	0.005	12.968	-0.005	13.024	0.004	13.051	0.028
8.157	0.030	8.178	0.040	8.196	0.040	8.229	0.021	13.095	0.028	13.131	0.011	13.172	-0.009	13.214	-0.036
8.253	-0.011	8.265	-0.028	8.286	-0.030	8.313	-0.020	13.267	-0.046	13.324	-0.022	13.362	-0.010	13.401	0.016
8.337	-0.001	8.346	0.009	8.358	0.016	8.367	0.025	13.439	0.045	13.469	0.045	13.502	-0.021	13.546	0.004
8.397	0.025	8.412	0.004	8.433	-0.023	8.445	-0.052	13.570	-0.023	13.624	-0.042	13.683	-0.026	13.725	-0.011
8.460	-0.071	8.466	-0.093	8.496	-0.095	8.517	-0.064	13.763	0.005	13.823	-0.002	13.855	-0.007	13.894	-0.020
8.538	-0.042	8.553	0.006	8.573	0.040	8.597	0.069	13.924	-0.020	13.942	-0.003	13.989	0.011	14.010	0.018
8.611	0.100	8.635	0.105	8.661	0.071	8.685	0.035	14.037	0.025	14.072	0.023	14.126	0.019	14.180	0.021
8.702	0.011	8.708	-0.004	8.731	-0.028	8.752	-0.045	14.227	0.013	14.254	0.010	14.263	0.005	14.299	-0.005
8.775	-0.061	8.787	-0.078	8.802	-0.090	8.834	-0.107	14.350	-0.011	14.373	-0.021	14.406	-0.031	14.430	-0.045
8.860	-0.100	8.883	-0.069	8.898	-0.028	8.907	0.013	14.469	-0.050	14.519	-0.031	14.552	-0.014	14.606	-0.002
8.924	0.064	8.942	0.088	8.971	0.098	8.995	0.069	14.651	-0.003	14.705	0.0	14.747	-0.003	14.792	-0.010
9.018	0.030	9.030	-0.008	9.044	-0.025	9.076	-0.035	14.840	-0.011	14.876	-0.008	14.917	-0.011	14.950	-0.018
9.114	-0.069	9.149	-0.062	9.173	-0.057	9.202	-0.026	14.995	-0.035	15.052	-0.032	15.082	-0.023	15.116	-0.006
9.222	-0.044	9.240	0.025	9.257	0.044	9.275	0.061	15.149	0.006	15.185	0.035	15.225	0.057	15.252	0.054
9.301	0.087	9.310	0.102	9.324	0.116	9.342	0.118	15.273	0.045	15.315	0.030	15.331	0.021	15.367	0.011
9.359	0.101	9.371	0.072	9.382	0.041	9.391	0.019	15.403	0.009	15.446	0.003	15.512	0.008	15.560	0.005
9.406	-0.012	9.415	-0.039	9.426	-0.053	9.452	-0.063	15.609	0.0	15.645	-0.005	15.690	-0.013	15.729	-0.011
9.484	-0.049	9.499	-0.018	9.534	-0.009	9.557	-0.018	15.774	0.006	15.789	0.013	15.813	0.022	15.834	0.037
9.596	-0.012	9.613	0.008	9.619	0.024	9.631	0.044	15.873	0.024	15.900	0.014	15.924	-0.003	15.948	-0.018
9.660	0.063	9.675	0.055	9.699	0.017	9.713	0.020	15.973	0.033	15.994	0.042	16.039	-0.040	16.074	-0.026
9.731	-0.046	9.743	-0.070	9.754	-0.090	9.778	-0.116	16.104	-0.007	16.140	0.002	16.172	0.005	16.208	0.009
9.804	-0.112	9.828	-0.076	9.849	-0.056	9.860	-0.023	16.243	0.002	16.326	0.006	16.368	0.005	16.421	0.005
9.872	0.016	9.884	0.042	9.890	0.050	9.913	0.064	16.457	0.010	16.516	0.021	16.563	0.016	16.584	0.013
9.934	0.054	9.969	0.045	9.990	0.035	10.013	0.016	16.620	0.006	16.643	-0.004	16.703	-0.014	16.765	-0.006
10.031	-0.004	10.054	-0.016	10.078	-0.045	10.095	-0.059	16.786	0.004	16.822	0.015	16.833	0.022	16.884	0.007
10.107	-0.069	10.133	-0.076	10.157	-0.057	10.180	-0.040	16.934	0.002	16.964	-0.008	16.991	-0.016	17.023	-0.021
10.192	-0.014	10.209	-0.003	10.224	0.013	10.245	0.030	17.062	-0.029	17.122	-0.010	17.169	0.016	17.196	0.028
10.265	-0.027	10.285	0.015	10.306	-0.002	10.312	-0.016	17.229	-0.042	17.268	-0.046	17.304	0.022	17.337	0.005
10.341	-0.029	10.379	-0.019	10.405	0.005	10.426	0.024	17.363	-0.015	17.378	-0.020	17.408	-0.032	17.432	-0.042
10.461	0.034	10.473	0.019	10.502	0.0	10.531	-0.005	17.465	-0.052	17.501	-0.040	17.534	-0.028	17.575	-0.004
10.575	0.014	10.601	0.028	10.636	0.028	10.659	0.011	17.614	0.003	17.644	0.010	17.703	0.009	17.742	0.009
10.671	-0.008	10.686	-0.025	10.697	-0.035	10.718	-0.039	17.792	0.009	17.825	0.004	17.859	0.001	17.917	0.005
10.747	-0.020	10.773	0.004	10.791	0.021	10.802	0.033	17.953	0.007	17.982	0.007	18.018	-0.008	18.051	-0.013
10.831	0.032	10.846	0.064	10.861	0.066	10.884	0.061	18.086	-0.025	18.136	-0.033	18.184	-0.030	18.237	-0.028
10.916	0.052	10.939	0.032	10.960	0.010	10.966	-0.009	18.290	-0.014	18.319	-0.017	18.378	-0.010	18.405	0.0
10.977	-0.028	10.986	-0.043	10.995	-0.060	11.012	-0.077	18.452	0.007	18.514	0.009	18.579	0.004	18.638	-0.003
11.033	-0.089	11.076	-0.086	11.076	-0.070	11.100	-0.055	18.682	-0.010	18.744	-0.008	18.803	-0.011	18.836	-0.011
11.126	-0.031	11.147	-0.019	11.161	0.007	11.176	0.051	18.889	-0.021	18.936	-0.002	18.969	-0.008	19.004	0.008
11.194	0.067	11.229	0.060	11.255	0.048	11.267	0.031	19.025	0.003	19.069	0.005	19.105	-0.010	19.147	-0.022
11.281	0.016	11.296	-0.008	11.314	-0.020	11.334	-0.018	19.025	0.003	19.210	0.009	19.240	0.031	19.254	0.043
11.349	-0.020	11.366	-0.028	11.387	-0.045	11.416	-0.050	19.308	0.050	19.353	0.040	19.377	0.028	19.401	0.018
11.434	-0.038	11.457	-0.014	11.478	-0.002	11.504	0.008	19.440	0.006	19.475	-0.001	19.529	0.008	19.544	0.015
11.513	0.005	11.545	-0.010	11.568	-0.027	11.586	-0.039	19.580	0.047	19.624	0.049	19.651	0.044	19.683	0.029

19.713	0.010	19.740	-0.002	19.769	-0.019	19.756	-0.034	29.925	0.021	29.958	0.019	30.006	0.019	30.051	0.012
19.831	-0.017	19.843	-0.012	19.900	0.009	19.944	0.009	30.127	0.005	30.136	0.002	30.190	0.0	30.220	-0.007
19.971	-0.001	20.018	-0.022	20.051	-0.032	20.113	-0.045	30.253	-0.017	30.304	-0.017	30.365	-0.017	30.413	-0.012
20.169	-0.038	20.195	-0.014	20.237	-0.014	20.266	-0.019	30.467	-0.004	30.515	-0.004	30.572	-0.006	30.608	-0.011
20.316	-0.036	20.363	-0.022	20.411	-0.019	20.464	-0.015	30.659	-0.020	30.725	-0.015	30.776	-0.008	30.812	0.002
20.520	-0.001	20.597	0.001	20.642	0.006	20.695	0.008	30.821	0.002	30.887	0.0	30.923	0.005	30.965	0.012
20.746	0.015	20.773	0.022	20.809	0.034	20.863	0.041	31.001	0.012	31.031	0.003	31.097	0.006	31.139	0.003
20.898	0.038	20.922	0.040	20.961	0.048	21.012	0.043	31.188	-0.004	31.224	0.001	31.284	0.004	31.327	0.002
21.057	0.030	21.086	0.016	21.125	0.004	21.178	-0.011	31.360	-0.003	31.399	-0.008	31.439	-0.012	31.457	-0.017
21.231	-0.011	21.273	-0.014	21.332	-0.011	21.377	0.003	31.484	-0.027	31.539	-0.027	31.560	-0.027	31.593	-0.027
21.418	0.007	21.477	0.0	21.557	-0.008	21.559	-0.013	31.629	-0.022	31.668	-0.010	31.708	-0.013	31.744	0.002
21.658	-0.023	21.737	-0.013	21.799	0.003	21.852	0.022	31.789	0.012	31.834	0.010	31.873	0.013	31.901	0.013
21.908	0.022	21.953	0.012	21.997	0.0	22.065	0.007	31.961	0.013	31.997	0.006	32.042	0.006	32.102	0.006
22.115	0.026	22.148	0.028	22.196	0.028	22.231	0.026	32.150	0.004	32.186	-0.003	32.225	-0.010	32.282	-0.012
22.273	0.021	22.323	0.014	22.365	-0.006	22.392	-0.018	32.318	-0.016	32.366	-0.021	32.450	-0.013	32.498	-0.008
22.413	-0.030	22.469	-0.040	22.523	-0.013	22.555	-0.001	32.537	-0.008	32.594	-0.002	32.627	0.0	32.675	0.003
22.627	0.015	22.674	0.013	22.725	0.008	22.778	0.0	32.723	0.011	32.753	0.018	32.786	0.021	32.846	0.026
22.840	0.008	22.885	0.037	22.930	0.027	22.980	0.031	32.885	0.019	32.966	0.015	33.014	0.005	33.071	-0.001
23.046	0.026	23.105	0.014	23.153	-0.001	23.201	-0.013	33.109	-0.001	33.144	-0.006	33.203	-0.008	33.241	-0.007
23.248	-0.018	23.281	-0.019	23.326	-0.014	23.362	-0.014	33.277	-0.012	33.336	-0.011	33.380	-0.011	33.427	-0.013
23.407	-0.015	23.457	-0.010	23.493	0.0	23.523	0.007	33.477	-0.019	33.545	-0.019	33.595	-0.016	33.624	-0.013
23.556	0.014	23.599	0.038	23.647	0.035	23.701	0.033	33.662	-0.010	33.699	-0.003	33.743	0.002	33.787	0.010
23.744	0.032	23.795	0.039	23.837	0.037	23.866	0.032	33.822	0.013	33.866	0.018	33.915	0.019	33.962	0.022
24.020	-0.012	24.042	-0.017	24.094	-0.008	24.145	-0.009	34.009	0.025	34.032	0.023	34.094	0.021	34.150	0.015
24.190	0.003	24.247	0.018	24.310	0.004	24.336	-0.003	34.152	0.010	34.236	0.001	34.284	-0.001	34.340	-0.005
24.393	-0.010	24.444	-0.018	24.501	-0.016	24.541	-0.016	34.385	-0.012	34.430	-0.012	34.468	-0.007	34.516	-0.009
24.594	-0.016	24.674	-0.009	24.732	0.001	24.800	0.015	34.558	-0.008	34.598	-0.008	34.641	-0.008	34.684	-0.003
24.867	0.015	24.941	0.030	24.996	0.030	25.050	0.028	34.728	0.0	34.768	0.010	34.814	0.010	34.870	0.008
25.128	0.030	25.177	0.030	25.229	0.025	25.281	0.022	34.929	0.004	34.987	-0.001	35.040	-0.008	35.100	-0.004
25.317	0.005	25.369	-0.009	25.428	-0.012	25.466	-0.005	35.115	-0.004	35.153	-0.006	35.194	-0.006	35.242	-0.005
25.522	-0.005	25.567	-0.005	25.622	-0.012	25.663	-0.019	35.280	-0.005	35.324	-0.004	35.359	-0.008	35.409	-0.013
25.680	-0.036	25.729	-0.036	25.787	-0.017	25.815	-0.003	35.447	-0.007	35.498	0.003	35.545	0.009	35.576	0.007
25.845	0.004	25.870	0.016	25.901	0.026	25.943	0.029	35.651	0.008	35.729	0.009	35.776	0.009	35.833	0.005
25.989	0.031	26.035	0.029	26.081	0.027	26.127	0.022	35.870	0.006	35.908	0.009	35.992	0.015	36.042	0.008
26.157	0.020	26.200	0.015	26.221	0.015	26.252	0.010	36.339	0.002	36.387	-0.002	36.481	-0.003	36.524	-0.007
26.279	0.005	26.300	-0.002	26.346	-0.021	26.386	-0.016	36.579	-0.004	36.615	-0.004	36.648	-0.003	36.690	0.005
26.425	-0.011	26.465	-0.006	26.507	0.006	26.555	0.004	36.756	0.003	36.813	0.007	36.871	0.020	36.895	0.022
26.629	-0.001	26.681	-0.003	26.717	-0.003	26.763	-0.005	36.967	0.021	37.021	0.017	37.100	0.016	37.149	0.012
26.800	-0.010	26.836	-0.010	26.873	-0.010	26.909	0.0	37.186	0.013	37.244	0.007	37.299	0.005	37.329	0.006
26.949	0.017	26.985	0.017	27.046	0.007	27.098	-0.010	37.360	-0.002	37.466	-0.002	37.451	0.001	37.503	0.001
27.143	-0.019	27.197	-0.014	27.249	-0.004	27.288	0.010	37.577	-0.002	37.651	0.006	37.712	0.009	37.799	0.010
27.342	0.020	27.403	0.010	27.466	0.008	27.527	-0.006	37.845	0.011	37.910	0.009	37.956	0.005	38.042	0.008
27.602	-0.021	27.659	-0.028	27.740	-0.023	27.770	-0.010	38.085	0.011	38.140	0.014	38.214	0.013	38.278	0.019
27.836	-0.006	27.860	0.001	27.915	0.011	27.933	0.018	38.368	0.007	38.401	0.010	38.477	0.011	38.548	0.012
27.984	0.023	28.035	0.028	28.090	0.033	28.148	0.028	38.596	0.012	38.666	0.013	38.712	0.016	38.790	0.017
28.203	0.021	28.251	0.011	28.288	0.006	28.337	-0.010	38.860	0.013	38.924	0.004	38.997	0.007	39.045	0.010
28.361	-0.013	28.395	-0.018	28.432	-0.025	28.459	-0.032	39.118	0.016	39.146	0.016	39.216	0.016	39.249	0.026
28.496	-0.037	28.554	-0.039	28.593	-0.034	28.639	-0.025	39.310	0.029	39.340	0.022	39.407	0.018	39.440	0.015
28.682	-0.012	28.712	-0.003	28.755	0.012	28.792	0.009	39.455	0.006	39.577	0.003	39.614	0.001	39.671	0.001
28.834	0.002	28.886	-0.005	28.935	-0.005	28.974	0.0	39.741	0.004	39.796	0.006	39.851	0.004	39.930	0.004
29.032	0.007	29.084	0.017	29.132	0.027	29.174	0.022	39.997	0.013	40.033	0.011	40.100	0.013	40.161	0.013
29.222	0.017	29.264	0.012	29.294	0.007	29.369	0.002	40.222	0.015	40.261	0.015	40.301	0.027	40.361	0.039
29.417	-0.003	29.456	-0.008	29.512	-0.010	29.563	-0.015	40.459	0.024	40.513	0.024	40.602	0.021	40.661	0.018
29.609	-0.017	29.672	-0.017	29.732	-0.003	29.750	-0.003	40.735	0.011	40.793	0.015	40.892	0.015	40.972	0.007
29.760	0.004	29.813	0.012	29.865	0.012	29.898	0.024	41.037	0.012	41.096	0.011	41.145	0.006	41.208	-0.002

69.066	-0.001	69.149	-0.008	69.184	-0.006	69.239	-0.006	82.059	0.003	82.112	0.006	82.156	0.004	82.184	0.004
69.374	-0.003	69.466	-0.008	69.565	-0.003	69.618	-0.002	82.221	0.014	82.259	0.014	82.306	0.017	82.343	0.014
69.718	-0.001	69.803	0.001	69.865	0.002	69.975	-0.003	82.421	0.003	82.480	0.005	82.521	0.008	82.581	0.006
70.053	-0.002	70.135	-0.002	70.239	-0.006	70.327	-0.003	82.622	0.016	82.688	0.013	82.723	0.011	82.751	0.006
70.409	-0.004	70.489	0.006	70.560	0.002	70.665	0.005	82.802	0.004	82.846	0.011	82.888	0.009	82.913	0.009
70.739	-0.003	70.806	0.004	70.880	0.002	70.959	0.003	82.948	0.001	82.986	0.001	83.036	0.001	83.052	0.006
71.027	-0.002	71.103	0.001	71.209	0.002	71.295	0.004	83.096	0.009	83.128	0.006	83.153	0.006	83.207	0.001
71.377	0.005	71.434	0.005	71.513	0.003	71.580	0.003	83.248	0.009	83.289	0.013	83.334	0.013	83.369	0.011
71.647	-0.001	71.708	-0.004	71.796	-0.004	71.873	-0.004	83.407	0.004	83.470	0.004	83.517	-0.004	83.568	-0.006
72.255	0.0	72.331	0.003	72.407	0.005	72.483	0.003	83.633	0.004	83.680	0.006	83.727	0.001	83.753	-0.006
72.572	0.001	72.625	0.001	72.675	-0.001	72.728	-0.001	83.796	0.001	83.862	-0.006	83.943	-0.001	83.968	0.001
72.812	0.0	72.878	0.0	72.934	0.0	73.000	0.0	84.015	0.004	84.055	0.001	84.115	-0.004	84.168	-0.004
73.075	-0.002	73.128	0.003	73.153	-0.002	73.203	-0.002	84.221	0.001	84.262	0.004	84.331	0.001	84.372	-0.006
73.272	-0.001	73.351	-0.001	73.413	-0.001	73.592	-0.003	84.457	0.006	84.513	0.004	84.576	0.007	84.629	0.002
73.542	-0.003	73.635	-0.005	73.704	-0.003	73.763	-0.005	84.682	0.0	84.752	-0.003	84.799	-0.005	84.852	-0.007
73.813	-0.005	73.890	-0.007	73.959	-0.006	74.027	-0.001	84.893	0.0	84.934	0.005	84.978	0.005	85.040	-0.002
74.086	-0.005	74.146	-0.005	74.205	-0.002	74.283	-0.004	85.127	0.003	85.174	0.001	85.251	-0.001	85.332	-0.004
74.348	-0.006	74.417	-0.006	74.513	-0.003	74.557	-0.003	85.394	-0.001	85.465	0.001	85.573	-0.001	85.640	-0.001
74.624	-0.002	74.688	-0.004	74.729	-0.004	74.803	-0.003	85.783	-0.006	85.862	-0.006	86.008	-0.011	86.048	-0.013
74.832	-0.003	74.934	-0.002	74.998	0.001	75.062	0.0	86.224	-0.013						
75.147	0.003	75.233	0.001	75.322	0.004	75.376	0.002								
75.443	0.005	75.500	0.002	75.554	0.0	75.591	0.0								
75.675	0.0	75.725	0.005	75.766	0.001	75.815	-0.002								
75.875	0.003	75.903	0.004	75.934	0.001	75.984	-0.001								
76.015	0.002	76.074	-0.005	76.117	-0.010	76.161	-0.002								
76.201	-0.008	76.229	0.005	76.266	-0.006	76.301	-0.011								
76.329	-0.006	76.381	0.004	76.434	0.004	76.484	-0.001								
76.549	0.0	76.586	0.0	76.642	-0.005	76.676	-0.007								
76.723	-0.009	76.785	-0.002	76.834	0.003	76.887	0.004								
76.943	0.006	76.986	0.004	77.030	0.0	77.073	-0.005								
77.110	-0.005	77.171	0.0	77.207	0.008	77.265	0.003								
77.299	-0.004	77.351	0.001	77.400	-0.006	77.449	-0.010								
77.495	0.004	77.568	0.002	77.628	0.0	77.659	-0.007								
77.713	-0.004	77.773	-0.004	77.824	0.001	77.882	0.002								
77.897	0.004	77.954	-0.005	78.018	-0.002	78.057	0.003								
78.115	0.001	78.168	-0.003	78.229	0.0	78.266	0.002								
78.340	0.0	78.395	0.003	78.420	0.003	78.484	0.001								
78.518	-0.001	78.567	0.001	78.661	0.002	78.741	0.002								
78.767	0.002	78.828	-0.002	78.966	-0.002	78.940	0.001								
78.969	0.001	79.017	-0.004	79.085	-0.004	79.133	0.002								
79.159	0.002	79.192	-0.001	79.247	0.0	79.292	0.002								
79.354	-0.002	79.419	-0.004	79.451	0.003	79.500	0.001								
79.574	0.002	79.600	-0.003	79.666	-0.005	79.739	0.0								
79.790	0.003	79.851	-0.002	79.904	-0.004	80.006	-0.007								
80.085	-0.003	80.135	0.003	80.188	0.0	80.220	-0.004								
80.285	-0.005	80.348	0.003	80.395	0.003	80.423	0.003								
80.486	-0.007	80.561	0.001	80.608	0.013	80.652	0.006								
80.671	-0.001	80.737	-0.006	80.787	-0.008	80.838	-0.006								
80.885	-0.005	80.916	0.0	80.976	0.005	81.010	-0.005								
81.026	-0.002	81.080	0.010	81.127	0.020	81.143	0.018								
81.178	0.008	81.206	-0.007	81.244	-0.004	81.285	-0.002								
81.320	-0.002	81.383	-0.001	81.421	0.011	81.456	0.006								
81.491	0.011	81.525	0.011	81.544	0.008	81.598	-0.001								
81.645	-0.001	81.698	0.002	81.752	-0.003	81.799	0.0								
81.858	0.002	81.918	0.005	81.971	0.012	82.012	0.010								

2311 PCINTS 86.414 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0146 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.030	0.060	-0.014	0.093	-0.004	0.111	-0.021	3.152	-0.011	3.170	-0.016	3.194	-0.006	3.222	0.002
0.132	-0.034	0.153	-0.015	0.171	-0.009	0.183	0.002	3.235	0.007	3.256	-0.001	3.275	-0.001	3.312	-0.001
0.206	-0.026	0.218	-0.036	0.233	-0.041	0.247	-0.018	3.341	-0.006	3.362	-0.032	3.386	-0.012	3.392	-0.017
0.262	0.007	0.274	0.035	0.285	0.017	0.321	0.005	3.411	-0.022	3.427	-0.032	3.442	-0.050	3.461	-0.047
0.353	0.010	0.367	0.020	0.379	0.015	0.391	0.005	3.485	-0.025	3.498	-0.012	3.513	-0.007	3.547	-0.005
0.417	-0.015	0.429	-0.018	0.450	-0.020	0.473	-0.007	3.584	0.015	3.603	0.020	3.615	0.025	3.634	0.028
0.479	0.008	0.496	0.013	0.529	0.008	0.543	-0.002	3.656	0.020	3.677	0.007	3.692	0.008	3.702	-0.013
0.561	0.0	0.576	0.013	0.590	0.011	0.614	0.003	3.714	-0.023	3.735	-0.046	3.757	-0.056	3.772	-0.074
0.634	-0.027	0.649	-0.012	0.669	-0.022	0.681	-0.027	3.790	-0.079	3.812	-0.049	3.821	-0.021	3.836	0.002
0.693	-0.027	0.707	-0.007	0.722	0.019	0.734	0.024	3.855	-0.019	3.873	0.030	3.904	0.035	3.919	0.022
0.754	0.014	0.775	0.004	0.789	-0.014	0.813	0.014	3.931	0.017	3.947	0.052	3.953	0.073	3.968	0.090
0.833	0.027	0.859	0.027	0.889	0.039	0.903	0.027	3.983	0.080	3.996	0.035	4.005	0.032	4.008	0.017
0.915	0.006	0.927	-0.006	0.950	-0.001	0.956	0.016	4.014	0.002	4.017	-0.009	4.039	-0.036	4.045	-0.044
0.979	0.026	0.988	0.036	1.008	0.029	1.032	0.021	4.063	-0.047	4.078	-0.041	4.094	-0.031	4.106	0.004
1.049	0.029	1.070	0.006	1.090	-0.015	1.102	-0.015	4.124	0.050	4.137	0.067	4.146	0.055	4.161	0.024
1.120	-0.019	1.152	0.011	1.161	0.018	1.175	0.0	4.173	-0.011	4.185	0.036	4.197	-0.067	4.202	-0.090
1.184	-0.017	1.207	-0.033	1.231	-0.015	1.251	-0.018	4.211	-0.090	4.223	-0.057	4.241	-0.016	4.247	0.012
1.272	-0.013	1.301	0.015	1.318	0.018	1.342	0.002	4.255	0.024	4.261	0.034	4.270	0.042	4.279	0.029
1.371	-0.010	1.389	0.002	1.409	-0.010	1.430	0.0	4.291	0.004	4.305	-0.004	4.314	0.009	4.329	0.024
1.441	0.015	1.465	0.022	1.491	0.017	1.503	0.009	4.341	0.037	4.352	0.072	4.364	0.085	4.373	0.075
1.514	0.007	1.523	-0.013	1.541	-0.011	1.564	-0.006	4.388	0.027	4.408	0.034	4.420	0.032	4.435	0.042
1.585	0.009	1.599	0.006	1.640	0.006	1.669	0.018	4.455	0.027	4.461	0.002	4.467	-0.024	4.476	-0.044
1.687	0.013	1.707	0.003	1.722	-0.005	1.737	-0.015	4.488	-0.069	4.491	-0.095	4.502	-0.122	4.514	-0.148
1.757	-0.020	1.781	-0.018	1.801	-0.006	1.822	0.007	4.523	-0.156	4.532	-0.130	4.547	-0.105	4.561	-0.064
1.833	0.019	1.854	0.017	1.865	0.012	1.877	0.001	4.564	-0.059	4.576	-0.034	4.588	-0.018	4.611	-0.002
1.892	-0.011	1.909	-0.027	1.924	-0.034	1.947	-0.019	4.620	0.022	4.635	0.030	4.649	0.022	4.670	0.017
1.962	-0.007	1.991	-0.005	2.018	0.005	2.032	0.010	4.691	0.010	4.706	0.010	4.718	0.035	4.727	0.058
2.053	0.035	2.073	0.030	2.091	0.015	2.132	-0.001	4.733	0.078	4.755	0.099	4.757	0.104	4.774	0.084
2.155	-0.009	2.167	-0.019	2.201	-0.017	2.238	-0.015	4.777	0.073	4.792	0.018	4.801	-0.015	4.813	-0.079
2.275	0.009	2.300	0.005	2.317	0.012	2.331	0.012	4.828	-0.112	4.849	-0.058	4.861	-0.003	4.876	0.023
2.359	-0.009	2.371	0.014	2.388	0.004	2.405	0.001	4.897	-0.113	4.921	-0.020	4.944	-0.015	4.971	0.015
2.444	-0.007	2.467	-0.004	2.498	0.0	2.521	0.013	4.992	0.030	5.013	0.060	5.028	0.043	5.040	0.015
2.532	0.023	2.540	0.023	2.557	0.017	2.580	-0.003	5.055	0.010	5.078	0.022	5.099	0.032	5.120	0.015
2.586	-0.013	2.586	-0.021	2.622	-0.011	2.645	-0.006	5.132	-0.003	5.147	-0.023	5.180	-0.041	5.203	-0.036
2.659	-0.011	2.668	-0.019	2.682	-0.019	2.710	-0.012	5.224	-0.026	5.236	-0.013	5.242	-0.013	5.262	-0.026
2.733	-0.009	2.744	-0.007	2.778	-0.002	2.790	-0.002	5.286	-0.029	5.301	-0.003	5.316	0.022	5.333	0.034
2.815	-0.005	2.852	0.0	2.852	-0.005	2.875	-0.003	5.345	0.017	5.360	-0.017	5.375	-0.045	5.386	-0.057
2.897	-0.008	2.923	-0.010	2.960	-0.008	2.985	-0.008	5.410	-0.032	5.431	-0.012	5.449	-0.002	5.466	-0.010
3.008	-0.003	3.022	0.002	3.062	0.0	3.073	-0.008	5.481	-0.031	5.499	-0.036	5.514	-0.041	5.525	-0.036
3.087	-0.018	3.101	-0.021	3.118	-0.006	3.132	-0.001	5.534	-0.011	5.552	0.027	5.570	0.042	5.581	0.049

5.599	0.024	5.617	-0.004	5.623	-0.042	5.641	-0.040	9.532	-0.016	9.552	-0.029	9.567	-0.042	9.572	-0.044
5.646	-0.025	5.667	-0.002	5.688	0.005	5.702	-0.015	9.587	-0.034	9.619	-0.062	9.634	-0.062	9.634	-0.049
5.711	-0.033	5.717	-0.048	5.729	0.071	5.738	-0.076	9.648	-0.039	9.666	-0.014	9.683	-0.004	9.701	0.039
5.755	-0.046	5.767	-0.013	5.785	-0.003	5.794	0.010	9.724	0.014	9.754	0.019	9.772	0.019	9.789	0.019
5.805	-0.001	5.832	-0.011	5.861	-0.023	5.876	-0.033	9.813	0.004	9.830	-0.006	9.854	-0.014	9.889	-0.014
5.891	-0.005	5.902	-0.022	5.917	0.048	5.941	0.068	9.904	0.001	9.933	-0.006	9.963	-0.004	9.995	0.004
5.949	0.043	5.976	0.0	5.994	-0.020	6.017	-0.013	10.019	0.014	10.033	0.009	10.063	-0.008	10.089	-0.028
6.041	-0.003	6.064	-0.008	6.052	-0.018	6.076	-0.041	10.104	-0.023	10.130	-0.010	10.148	-0.013	10.156	-0.026
6.099	-0.056	6.123	-0.058	6.147	-0.033	6.161	-0.015	10.183	-0.028	10.198	-0.025	10.230	-0.007	10.256	-0.005
6.173	0.0	6.179	-0.008	6.205	-0.010	6.223	-0.021	10.294	-0.005	10.326	0.001	10.347	-0.007	10.376	-0.004
6.243	-0.018	6.264	-0.003	6.279	0.004	6.296	0.027	10.405	-0.002	10.432	-0.014	10.455	-0.019	10.479	-0.017
6.323	0.040	6.334	0.032	6.352	0.014	6.369	-0.006	10.505	0.009	10.514	0.011	10.537	0.034	10.555	0.044
6.387	-0.019	6.396	-0.024	6.408	-0.024	6.428	-0.012	10.565	0.052	10.595	0.047	10.616	0.042	10.631	0.032
6.452	-0.014	6.465	-0.030	6.493	-0.045	6.516	-0.047	10.654	0.006	10.663	0.001	10.677	-0.009	10.698	-0.024
6.540	-0.033	6.554	-0.010	6.569	0.010	6.584	0.025	10.709	-0.024	10.747	-0.016	10.785	-0.012	10.832	-0.004
6.592	0.040	6.598	0.053	6.610	0.055	6.642	0.047	10.846	0.001	10.864	0.013	10.893	0.028	10.911	0.028
6.669	0.024	6.689	0.003	6.700	-0.012	6.715	-0.040	10.934	0.020	10.948	0.012	10.966	0.0	10.989	-0.011
6.727	-0.058	6.747	-0.084	6.767	-0.059	6.784	-0.102	11.004	-0.018	11.027	-0.029	11.062	-0.031	11.112	-0.029
6.813	-0.074	6.825	-0.039	6.837	-0.009	6.854	0.044	11.135	-0.024	11.167	-0.015	11.202	-0.015	11.226	-0.026
6.871	0.077	6.883	0.072	6.915	0.059	6.935	0.049	11.246	-0.033	11.273	-0.036	11.296	-0.032	11.319	-0.029
6.953	0.031	6.970	0.011	6.979	-0.005	6.987	-0.027	11.343	-0.037	11.375	-0.038	11.404	-0.028	11.428	-0.005
7.002	-0.053	7.016	-0.076	7.022	-0.091	7.045	-0.106	11.439	0.0	11.469	0.007	11.501	-0.009	11.521	-0.014
7.063	-0.101	7.080	-0.091	7.092	-0.079	7.115	-0.068	11.551	-0.020	11.600	-0.013	11.641	-0.011	11.659	-0.011
7.127	-0.041	7.141	-0.028	7.150	-0.003	7.161	0.015	11.686	-0.014	11.706	-0.012	11.721	0.001	11.742	0.006
7.173	0.038	7.182	0.066	7.208	0.083	7.222	0.081	11.762	-0.018	11.789	0.005	11.815	0.0	11.836	-0.010
7.236	0.061	7.257	0.033	7.268	0.002	7.277	0.026	11.848	-0.018	11.880	-0.029	11.907	-0.021	11.942	-0.014
7.283	-0.041	7.300	-0.064	7.312	-0.079	7.326	-0.084	11.963	-0.009	11.981	-0.002	12.001	0.003	12.025	0.008
7.343	-0.077	7.349	-0.064	7.369	-0.041	7.387	-0.021	12.051	0.005	12.087	-0.005	12.087	-0.007	12.104	-0.015
7.404	-0.001	7.416	0.009	7.450	0.032	7.468	0.047	12.131	-0.023	12.137	-0.028	12.155	-0.028	12.181	-0.017
7.497	0.054	7.523	0.044	7.543	0.029	7.549	0.013	12.211	-0.005	12.226	0.008	12.252	0.026	12.273	0.026
7.569	-0.010	7.592	-0.020	7.601	-0.018	7.624	0.0	12.288	0.026	12.317	0.023	12.344	0.008	12.365	-0.007
7.647	0.002	7.667	-0.015	7.676	-0.023	7.694	0.033	12.379	-0.017	12.382	-0.032	12.424	-0.035	12.453	-0.027
7.709	-0.046	7.729	-0.059	7.732	-0.064	7.750	-0.044	12.486	-0.007	12.513	-0.002	12.521	-0.002	12.551	-0.007
7.759	-0.026	7.792	-0.011	7.804	-0.008	7.824	-0.016	12.587	-0.001	12.613	-0.004	12.637	-0.011	12.655	-0.014
7.854	-0.021	7.878	-0.014	7.905	-0.004	7.919	-0.011	12.681	-0.016	12.708	-0.004	12.729	-0.004	12.758	0.009
7.934	-0.026	7.946	-0.042	7.958	-0.049	7.973	-0.057	12.770	0.012	12.818	0.017	12.839	0.010	12.853	-0.001
7.994	-0.042	8.014	-0.024	8.029	-0.022	8.059	-0.032	12.865	-0.003	12.889	-0.016	12.922	-0.016	12.951	-0.013
8.089	-0.037	8.121	-0.037	8.148	-0.045	8.169	-0.040	12.969	-0.016	12.999	-0.021	13.025	-0.019	13.058	-0.009
8.205	-0.030	8.223	-0.030	8.241	-0.032	8.256	-0.002	13.079	-0.001	13.097	0.004	13.123	0.012	13.141	0.017
8.265	0.006	8.280	0.024	8.301	0.039	8.316	0.044	13.168	0.009	13.192	-0.009	13.209	-0.019	13.224	-0.032
8.331	0.031	8.349	0.016	8.373	0.011	8.391	0.026	13.242	-0.042	13.254	-0.047	13.260	-0.055	13.290	-0.063
8.397	0.029	8.433	0.013	8.448	0.006	8.460	-0.009	13.315	-0.058	13.352	-0.040	13.379	-0.017	13.417	-0.018
8.472	-0.020	8.496	-0.032	8.517	-0.037	8.523	-0.035	13.435	-0.018	13.462	-0.010	13.491	-0.003	13.521	0.002
8.535	-0.025	8.559	-0.002	8.568	-0.002	8.593	-0.007	13.554	-0.006	13.580	-0.008	13.601	-0.013	13.628	-0.019
8.622	0.003	8.631	0.011	8.652	0.018	8.682	0.026	13.669	-0.024	13.696	-0.014	13.720	-0.009	13.741	-0.006
8.688	0.021	8.711	0.006	8.726	0.006	8.758	-0.009	13.779	0.006	13.815	0.006	13.842	0.003	13.877	0.006
8.772	-0.012	8.796	-0.017	8.816	-0.025	8.831	-0.030	13.889	0.003	13.922	-0.002	13.955	-0.012	13.978	-0.015
8.848	-0.032	8.875	-0.037	8.907	-0.032	8.924	-0.030	14.014	-0.007	14.050	0.003	14.065	0.005	14.109	0.007
8.954	-0.035	8.965	-0.032	8.980	-0.015	8.994	-0.002	14.133	-0.003	14.148	-0.008	14.172	-0.021	14.192	-0.033
9.009	0.006	9.027	0.006	9.062	0.0	9.094	0.003	14.225	-0.028	14.246	-0.018	14.252	-0.008	14.276	-0.001
9.112	-0.005	9.129	-0.012	9.147	-0.012	9.176	-0.005	14.300	0.006	14.327	0.001	14.350	-0.007	14.377	-0.007
9.190	0.005	9.211	-0.005	9.225	-0.018	9.240	-0.031	14.407	0.0	14.425	0.003	14.449	-0.010	14.467	-0.013
9.249	-0.041	9.257	-0.051	9.269	-0.056	9.287	-0.056	14.497	-0.016	14.514	-0.008	14.541	-0.004	14.574	-0.004
9.307	-0.049	9.330	-0.041	9.348	-0.028	9.365	-0.021	14.610	-0.004	14.634	-0.002	14.663	0.010	14.696	0.010
9.386	-0.016	9.400	-0.006	9.435	0.007	9.462	0.027	14.717	0.015	14.741	0.005	14.768	-0.003	14.795	-0.009
9.479	0.029	9.482	0.027	9.502	0.004	9.514	-0.001	14.816	-0.017	14.852	-0.014	14.876	-0.007	14.900	-0.010

14.927	-0.012	14.960	-0.010	14.975	-0.008	15.011	-0.013	22.479	0.006	22.524	-0.002	22.562	-0.007	22.595	-0.013
15.041	-0.018	15.071	-0.018	15.104	-0.018	15.133	-0.011	22.640	-0.021	22.675	-0.019	22.735	-0.015	22.785	-0.013
15.154	-0.006	15.194	-0.006	15.224	-0.006	15.245	-0.004	22.832	-0.009	22.865	-0.007	22.913	0.0	22.952	0.0
15.260	-0.011	15.294	-0.016	15.321	-0.006	15.354	-0.004	22.990	-0.002	23.011	0.001	23.065	0.011	23.097	0.007
15.369	-0.009	15.405	-0.017	15.442	-0.022	15.475	-0.025	23.139	-0.002	23.163	0.004	23.201	0.008	23.258	0.010
15.508	-0.015	15.533	-0.012	15.563	-0.010	15.596	-0.008	23.291	-0.009	23.366	0.003	23.404	-0.005	23.455	-0.015
15.611	-0.010	15.648	-0.018	15.681	-0.021	15.720	-0.021	23.509	-0.013	23.539	-0.013	23.587	-0.005	23.631	0.0
15.747	-0.024	15.780	-0.027	15.810	-0.028	15.837	-0.015	23.670	0.0	23.724	0.005	23.767	0.0	23.772	0.0
15.864	-0.011	15.894	-0.001	15.939	-0.009	15.921	-0.011	23.806	-0.002	23.849	-0.007	23.892	-0.023	23.940	-0.007
15.933	0.016	15.951	0.031	15.984	0.033	15.996	0.026	23.989	-0.002	24.025	0.001	24.074	-0.004	24.119	-0.010
16.012	0.018	16.036	0.010	16.066	-0.008	16.093	-0.018	24.148	-0.010	24.185	-0.010	24.222	-0.009	24.256	-0.003
16.111	-0.026	16.132	-0.029	16.153	-0.024	16.168	-0.021	24.282	-0.005	24.319	0.007	24.347	0.001	24.376	0.001
16.200	-0.016	16.224	-0.004	16.266	0.003	16.298	0.003	24.424	-0.005	24.475	-0.010	24.518	-0.005	24.555	-0.003
16.335	-0.005	16.387	-0.018	16.417	-0.018	16.455	-0.028	24.601	-0.006	24.638	-0.003	24.673	-0.001	24.760	0.004
16.473	-0.033	16.517	-0.023	16.547	-0.018	16.577	-0.008	24.811	0.001	24.850	-0.009	24.914	-0.007	24.940	0.007
16.606	0.002	16.630	0.005	16.680	0.007	16.713	0.012	24.946	-0.009	25.007	-0.012	25.072	-0.012	25.097	-0.017
16.731	0.015	16.761	0.020	16.796	0.025	16.823	0.025	25.142	-0.014	25.188	-0.019	25.214	-0.027	25.246	-0.017
16.853	0.015	16.873	0.015	16.897	0.008	16.909	0.0	25.288	-0.011	25.324	-0.006	25.367	-0.008	25.396	-0.006
16.951	-0.008	16.971	-0.013	16.992	-0.018	17.022	-0.025	25.422	-0.001	25.461	0.005	25.484	0.010	25.523	0.018
17.066	-0.028	17.126	-0.025	17.149	-0.033	17.182	-0.036	25.552	0.023	25.627	0.018	25.675	0.011	25.702	0.008
17.239	-0.023	17.260	-0.023	17.301	-0.010	17.340	-0.010	25.742	0.001	25.788	-0.002	25.816	0.001	25.859	-0.002
17.391	-0.010	17.412	-0.003	17.439	0.007	17.481	-0.010	25.886	0.001	25.926	0.001	25.984	0.004	26.012	0.001
17.507	0.005	17.531	-0.001	17.567	-0.008	17.594	-0.013	26.049	-0.006	26.082	-0.009	26.098	-0.011	26.143	-0.014
17.624	-0.019	17.660	-0.014	17.701	0.001	17.719	0.004	26.180	-0.013	26.226	-0.016	26.262	-0.016	26.299	-0.010
17.758	0.012	17.793	0.024	17.805	0.024	17.826	-0.019	26.314	0.0	26.375	0.002	26.433	0.003	26.463	0.003
17.850	0.011	17.877	0.001	17.903	-0.009	17.921	-0.009	26.475	0.003	26.509	0.005	26.536	0.006	26.570	0.003
17.981	-0.007	18.010	0.004	18.034	0.011	18.070	0.021	26.609	-0.002	26.634	-0.004	26.667	-0.004	26.713	0.003
18.111	-0.021	18.165	0.011	18.197	0.003	18.236	0.001	26.752	0.006	26.789	0.003	26.822	0.006	26.865	0.006
18.271	-0.009	18.292	-0.012	18.312	-0.015	18.321	-0.020	26.886	0.003	26.926	0.011	26.965	0.013	26.987	0.006
18.351	-0.025	18.383	-0.023	18.416	-0.015	18.466	-0.013	27.048	0.001	27.084	-0.002	27.130	0.001	27.163	0.001
18.489	-0.011	18.525	-0.004	18.560	-0.006	18.607	-0.007	27.200	-0.004	27.236	-0.004	27.254	-0.007	27.287	-0.004
18.634	0.0	18.669	0.0	18.702	0.002	18.728	0.004	27.317	-0.002	27.348	-0.002	27.369	0.001	27.408	0.003
18.773	0.009	18.787	0.004	18.832	-0.004	18.858	-0.014	27.435	-0.004	27.472	-0.004	27.505	0.001	27.553	0.003
18.882	-0.019	18.923	-0.017	18.941	-0.015	18.982	-0.012	27.583	0.001	27.638	-0.002	27.674	-0.004	27.710	-0.009
19.012	-0.002	19.062	-0.002	19.074	-0.002	19.118	-0.010	27.746	-0.012	27.770	-0.017	27.797	-0.017	27.827	-0.014
19.154	-0.020	19.169	-0.025	19.219	-0.023	19.246	-0.020	27.863	-0.009	27.899	-0.002	27.945	0.003	27.972	0.006
19.273	-0.013	19.306	0.0	19.324	0.0	19.354	0.005	28.008	0.013	28.038	0.018	28.086	0.016	28.104	0.013
19.375	0.010	19.401	0.020	19.443	0.015	19.473	0.013	28.140	0.008	28.176	0.016	28.222	0.016	28.253	0.018
19.494	0.010	19.515	0.008	19.539	0.003	19.572	0.0	28.302	-0.021	28.360	0.016	28.387	0.013	28.421	0.011
19.595	0.003	19.646	0.008	19.670	0.010	19.712	0.010	28.451	0.006	28.494	0.001	28.537	-0.004	28.586	-0.012
19.753	0.017	19.783	0.019	19.830	0.014	19.877	0.006	28.631	-0.017	28.671	-0.014	28.717	-0.014	28.766	-0.022
19.913	-0.002	19.943	-0.007	19.987	-0.007	20.037	0.002	28.811	-0.009	28.860	-0.004	28.912	0.003	28.927	0.006
20.064	0.005	20.115	0.012	20.156	0.012	20.191	0.009	28.970	0.011	28.979	0.016	29.025	0.011	29.070	0.021
20.245	-0.002	20.298	-0.010	20.339	-0.007	20.386	-0.005	29.098	0.021	29.131	0.021	29.189	0.016	29.240	0.006
20.436	0.0	20.486	0.015	20.522	0.015	20.540	0.013	29.285	0.001	29.309	-0.004	29.357	-0.016	29.384	-0.021
20.599	0.010	20.634	0.013	20.660	0.010	20.699	0.010	29.429	-0.021	29.480	-0.021	29.510	-0.023	29.549	-0.023
20.735	0.010	20.768	0.010	20.816	0.010	20.848	0.013	29.588	-0.015	29.627	-0.015	29.654	-0.012	29.684	-0.002
20.884	0.015	20.923	0.015	20.959	0.020	21.007	0.028	29.747	0.009	29.780	0.021	29.831	0.027	29.892	0.030
21.057	0.020	21.093	0.012	21.141	0.005	21.177	0.002	29.928	0.027	30.000	0.017	30.030	0.010	30.060	0.005
21.236	-0.001	21.301	0.002	21.349	-0.004	21.387	-0.001	30.120	-0.001	30.187	-0.006	30.235	-0.013	30.259	-0.013
21.426	-0.001	21.485	-0.004	21.547	-0.004	21.568	-0.004	30.289	-0.021	30.337	-0.020	30.380	-0.018	30.407	-0.015
21.597	0.001	21.651	0.011	21.707	0.016	21.751	-0.013	30.458	-0.007	30.494	-0.002	30.542	0.006	30.599	0.011
21.775	0.011	21.804	0.011	21.837	0.013	21.890	0.023	30.639	0.021	30.720	0.012	30.752	0.012	30.809	0.010
21.943	0.030	21.978	0.030	22.037	0.022	22.085	0.017	30.839	0.010	30.887	0.0	30.923	-0.003	30.944	0.0
22.132	0.014	22.176	0.006	22.212	0.003	22.265	0.001	30.977	0.0	31.007	0.003	31.040	0.011	31.076	0.016
22.301	0.003	22.357	0.010	22.414	0.015	22.446	0.009	31.124	0.006	31.166	0.006	31.211	0.007	31.262	0.0

31.317	0.002	31.359	0.005	31.393	0.006	31.429	0.003	41.117	0.010	41.157	0.010	41.198	0.010	41.285	0.014
31.477	0.001	31.498	0.008	31.538	-0.001	31.604	0.002	41.331	0.014	41.384	0.014	41.434	0.011	41.477	0.003
31.656	0.010	31.707	0.008	31.728	0.011	31.767	0.016	41.527	0.005	41.565	0.002	41.621	0.002	41.658	0.002
31.795	0.014	31.819	0.022	31.843	0.019	31.888	0.015	41.670	0.002	41.705	0.001	41.751	0.009	41.795	0.006
31.912	0.010	31.973	0.023	32.009	0.021	32.042	0.018	41.826	0.006	41.857	0.001	41.894	0.003	41.928	0.008
32.069	0.018	32.093	0.019	32.117	0.019	32.145	0.019	41.866	0.008	41.898	0.008	42.025	0.008	42.068	0.006
32.178	0.016	32.217	0.017	32.247	0.012	32.265	0.009	42.093	0.008	42.156	0.006	42.180	0.006	42.217	0.006
32.252	0.009	32.337	0.005	32.373	0.007	32.418	0.005	42.276	0.006	42.329	0.006	42.369	0.003	42.428	0.008
32.468	0.008	32.504	0.011	32.558	0.019	32.588	0.022	42.440	0.005	42.486	0.005	42.502	0.005	42.545	0.008
32.633	0.019	32.678	0.017	32.717	0.015	32.756	0.010	42.598	0.008	42.644	0.007	42.675	0.005	42.718	0.002
32.774	0.008	32.816	0.003	32.867	0.014	32.921	0.017	42.755	0.002	42.798	0.002	42.878	-0.004	42.915	-0.004
33.146	0.010	33.188	0.005	33.223	0.002	33.270	0.0	42.955	-0.002	42.998	0.0	43.060	0.003	43.112	0.005
33.311	0.005	33.350	0.010	33.417	0.016	33.479	0.014	43.161	0.002	43.225	0.002	43.271	-0.001	43.326	0.0
33.559	0.012	33.588	0.010	33.653	0.008	33.706	0.009	43.375	0.002	43.434	0.0	43.492	-0.005	43.547	-0.003
33.738	0.012	33.761	0.015	33.811	0.018	33.849	0.021	43.596	-0.005	43.651	-0.002	43.691	0.0	43.728	-0.002
33.869	0.019	33.916	0.023	33.956	0.020	34.003	0.019	43.768	-0.004	43.799	0.001	43.839	0.001	43.898	-0.001
34.041	0.017	34.085	0.015	34.123	0.013	34.155	0.013	43.944	-0.004	43.999	0.004	44.045	-0.003	44.082	-0.001
34.193	0.014	34.241	0.017	34.282	0.013	34.312	0.010	44.132	-0.001	44.169	-0.001	44.206	0.005	44.259	0.009
34.354	0.011	34.410	0.014	34.443	0.019	34.517	0.025	44.325	0.007	44.368	0.006	44.393	0.006	44.468	0.001
34.585	0.025	34.636	0.023	34.684	0.021	34.727	0.021	44.518	0.006	44.568	0.003	44.633	-0.002	44.673	0.0
34.783	0.021	34.829	0.023	34.888	0.018	34.953	0.013	44.742	0.005	44.773	0.005	44.819	0.002	44.878	0.005
34.990	0.011	35.049	0.006	35.089	0.006	35.136	0.011	44.915	0.002	44.968	0.002	45.033	0.008	45.083	0.005
35.176	0.009	35.223	0.014	35.239	0.014	35.274	0.012	45.126	0.003	45.173	0.005	45.232	0.003	45.303	0.008
35.319	0.009	35.350	0.010	35.375	0.010	35.432	0.020	45.356	0.005	45.399	0.003	45.455	-0.003	45.539	-0.001
35.479	0.021	35.533	0.021	35.577	0.019	35.609	0.017	45.585	-0.001	45.666	-0.004	45.734	0.001	45.800	-0.004
35.659	0.015	35.709	0.013	35.747	0.013	35.794	0.013	45.866	-0.006	45.922	-0.004	45.991	0.004	46.047	0.004
35.859	0.019	35.909	0.019	35.944	0.019	35.984	0.017	46.100	0.006	46.166	0.004	46.242	0.003	46.311	0.005
36.016	0.015	36.091	0.010	36.147	0.013	36.184	0.016	46.356	0.005	46.394	0.002	46.460	0.002	46.505	-0.002
36.233	0.011	36.266	0.006	36.315	0.009	36.364	0.012	46.568	-0.001	46.590	-0.001	46.632	-0.006	46.660	-0.006
36.385	0.007	36.446	0.007	36.477	0.003	36.498	0.003	46.689	-0.006	46.727	-0.006	46.743	-0.003	46.791	-0.001
36.550	-0.007	36.580	-0.011	36.632	-0.013	36.678	-0.010	46.826	-0.003	46.851	-0.003	46.893	-0.003	46.924	0.0
36.738	-0.005	36.762	-0.002	36.795	0.004	36.816	0.004	46.959	-0.002	46.998	-0.002	47.023	-0.002	47.058	-0.005
36.837	0.007	36.886	0.007	36.916	0.012	36.955	0.015	47.036	-0.005	47.131	-0.004	47.160	-0.002	47.185	-0.002
36.991	0.013	37.039	0.016	37.078	0.017	37.114	0.007	47.207	0.001	47.248	0.003	47.277	0.001	47.321	0.001
37.160	0.015	37.187	0.015	37.224	0.016	37.269	0.011	47.359	0.004	47.393	0.001	47.428	0.002	47.475	-0.001
37.309	0.009	37.349	0.009	37.382	0.007	37.444	0.003	47.522	-0.003	47.548	-0.003	47.579	0.0	47.611	0.0
37.492	0.001	37.529	-0.002	37.581	0.001	37.611	0.001	47.652	-0.002	47.692	-0.005	47.711	-0.005	47.739	-0.008
37.673	0.002	37.719	0.005	37.768	0.003	37.814	0.005	47.764	-0.008	47.792	-0.008	47.814	-0.008	47.846	-0.008
37.857	0.006	37.898	0.006	37.968	0.005	38.018	0.0	47.868	-0.008	47.899	-0.005	47.940	-0.003	47.974	0.002
38.082	-0.004	38.156	-0.001	38.190	0.005	38.221	0.005	48.027	0.0	48.052	-0.003	48.074	-0.003	48.099	0.0
38.245	0.008	38.313	0.006	38.374	0.007	38.405	0.008	48.143	-0.003	48.187	0.0	48.202	0.0	48.233	-0.003
38.435	0.003	38.499	0.004	38.558	0.007	38.622	0.010	48.265	0.0	48.286	0.0	48.327	0.0	48.380	0.0
38.550	0.011	38.674	0.011	38.726	0.007	38.765	0.007	48.420	0.0	48.455	0.0	48.501	0.003	48.536	0.003
38.801	0.007	38.832	0.008	38.868	0.010	38.914	0.008	48.576	0.004	48.601	0.004	48.648	0.004	48.679	0.004
38.962	0.011	39.002	0.011	39.056	0.007	39.087	0.007	48.725	0.004	48.753	0.004	48.797	0.002	48.840	0.005
39.135	0.0	39.181	0.008	39.217	0.006	39.248	0.009	48.887	0.002	48.912	0.002	48.937	0.003	48.971	0.003
39.299	0.012	39.348	0.020	39.394	0.025	39.427	0.025	49.014	0.005	49.058	0.003	49.101	0.003	49.132	0.003
39.473	0.023	39.527	0.023	39.567	0.013	39.591	0.013	49.176	0.003	49.209	-0.003	49.249	0.0	49.283	0.002
39.640	0.014	39.673	0.009	39.707	0.004	39.755	0.001	49.347	0.002	49.384	0.002	49.427	-0.001	49.479	-0.003
39.837	-0.001	39.913	-0.003	39.959	-0.001	40.023	0.0	49.528	-0.004	49.565	-0.001	49.627	0.001	49.676	-0.001
40.081	0.003	40.132	0.005	40.178	0.013	40.242	0.013	49.743	0.001	49.786	0.004	49.845	0.004	49.900	0.004
40.296	0.016	40.357	0.008	40.394	0.018	40.442	0.021	49.943	0.005	49.998	0.0	50.054	-0.003	50.100	-0.005
40.497	0.021	40.530	0.021	40.591	0.018	40.655	0.011	50.146	0.0	50.180	-0.002	50.217	-0.002	50.271	-0.007
40.726	0.008	40.766	0.008	40.787	0.006	40.849	0.001	50.46	-0.004	50.346	-0.004	50.383	-0.002	50.421	-0.002
40.898	-0.002	40.954	0.001	41.000	0.006	41.034	0.011	50.474	-0.002	50.521	0.001	50.568	-0.002	50.609	-0.002
								50.671	0.001	50.696	0.001	50.733	-0.001	50.801	0.002

50.829	0.002	50.854	0.004	50.919	-0.001	50.962	0.002	62.574	-0.007	62.623	-0.007	62.696	-0.011	62.752	-0.011
51.002	0.002	51.024	0.0	51.074	-0.002	51.101	0.0	62.805	-0.011	62.872	-0.008	62.948	-0.011	63.028	-0.010
51.139	0.003	51.173	0.003	51.228	0.003	51.296	0.0	63.121	-0.008	63.184	-0.007	63.260	-0.005	63.326	-0.005
51.339	0.001	51.373	0.001	51.416	-0.002	51.472	-0.004	63.395	-0.004	63.452	-0.004	63.534	-0.007	63.620	-0.012
51.533	-0.005	51.582	-0.005	51.629	-0.010	51.675	-0.010	63.701	-0.012	63.767	-0.009	63.849	-0.011	63.928	-0.009
51.738	-0.010	51.766	-0.010	51.832	-0.008	51.920	-0.008	63.953	-0.011	64.038	-0.014	64.082	-0.011	64.142	-0.013
51.936	-0.008	51.986	-0.008	52.036	-0.005	52.108	-0.007	64.201	-0.008	64.242	-0.005	64.313	-0.003	64.366	-0.007
52.162	-0.002	52.219	0.001	52.272	-0.001	52.326	-0.001	64.415	-0.010	64.471	-0.002	64.505	-0.007	64.577	-0.009
52.399	-0.004	52.478	-0.006	52.541	-0.008	52.576	-0.008	64.623	-0.006	64.660	-0.006	64.715	-0.008	64.800	-0.010
52.642	-0.008	52.705	-0.008	52.754	-0.008	52.801	-0.009	64.866	-0.010	64.894	-0.007	64.951	-0.009	64.994	-0.007
52.873	-0.011	52.910	-0.009	52.972	-0.009	53.016	-0.009	65.036	-0.006	65.079	-0.006	65.115	-0.006	65.175	-0.003
53.072	-0.006	53.137	-0.006	53.204	-0.008	53.262	-0.008	65.236	-0.002	65.284	-0.007	65.329	-0.007	65.390	-0.009
53.298	-0.008	53.359	-0.008	53.425	-0.008	53.477	-0.012	65.429	-0.006	65.477	-0.003	65.534	-0.001	65.583	-0.003
53.504	-0.012	53.546	-0.010	53.601	-0.007	53.649	-0.007	65.631	-0.005	65.680	-0.002	65.735	-0.002	65.781	-0.001
53.704	-0.009	53.765	-0.009	53.801	-0.012	53.865	-0.014	65.871	-0.004	65.939	-0.006	65.968	-0.006	66.017	-0.003
53.992	-0.012	54.011	-0.017	54.011	-0.017	54.045	-0.017	66.069	-0.003	66.146	-0.005	66.222	-0.002	66.296	-0.005
54.084	-0.017	54.124	-0.016	54.182	-0.016	54.226	-0.008	66.372	-0.004	66.452	-0.007	66.502	-0.002	66.572	-0.001
54.257	-0.006	54.320	-0.010	54.367	-0.010	54.436	-0.010	66.626	-0.004	66.688	-0.006	66.760	-0.001	66.854	0.0
54.461	-0.010	54.511	-0.012	54.536	-0.014	54.580	-0.014	66.920	0.0	66.977	0.0	67.034	0.001	67.131	-0.001
54.642	-0.013	54.658	-0.013	54.715	-0.011	54.773	-0.010	67.187	-0.004	67.252	0.0	67.351	-0.002	67.453	0.001
54.827	-0.010	54.885	-0.009	54.917	-0.012	54.955	-0.011	67.506	-0.001	67.592	0.0	67.660	0.003	67.731	0.003
55.003	-0.011	55.045	-0.008	55.096	-0.007	55.144	-0.007	67.782	0.001	67.860	0.001	67.892	0.004	67.972	0.011
55.192	-0.008	55.251	-0.005	55.316	-0.004	55.368	-0.006	68.014	0.011	68.091	0.006	68.175	0.004	68.243	0.004
55.452	-0.003	55.494	-0.003	55.572	-0.004	55.634	-0.002	68.291	0.001	68.356	0.004	68.430	0.001	68.476	0.004
55.711	-0.003	55.752	-0.003	55.818	-0.003	55.865	-0.001	68.556	-0.006	68.595	-0.004	68.644	-0.001	68.698	-0.001
55.925	-0.002	55.988	-0.002	56.041	-0.002	56.101	-0.001	68.759	0.005	68.813	0.002	68.852	0.002	68.916	0.004
56.158	0.001	56.237	-0.003	56.297	-0.003	56.351	0.004	68.954	0.005	69.008	0.005	69.104	0.001	69.165	-0.001
56.399	0.004	56.454	0.005	56.517	-0.007	56.577	0.009	69.260	-0.002	69.324	-0.003	69.365	-0.002	69.425	-0.005
56.647	0.006	56.714	0.004	56.820	-0.003	56.835	0.003	69.527	0.001	69.590	0.002	69.638	0.002	69.698	0.002
56.890	0.003	56.945	0.006	57.002	-0.004	57.034	0.006	69.760	0.008	69.835	0.006	69.879	0.005	69.970	0.012
57.115	0.004	57.186	0.002	57.236	0.004	57.293	0.005	70.033	0.007	70.111	0.005	70.164	0.005	70.214	0.005
57.366	0.0	57.405	0.0	57.490	0.005	57.557	0.003	70.258	0.007	70.306	0.005	70.373	0.002	70.412	0.005
57.630	0.003	57.684	0.006	57.760	0.006	57.821	0.011	70.503	-0.003	70.541	0.0	70.627	0.0	70.680	0.004
57.862	0.011	57.900	0.006	57.961	0.008	57.992	0.008	70.765	0.001	70.835	0.001	70.920	0.001	70.973	0.0
58.050	0.008	58.088	0.011	58.135	0.008	58.180	0.006	71.038	-0.005	71.102	0.0	71.161	0.002	71.247	0.002
58.211	0.008	58.260	0.011	58.304	0.008	58.363	0.003	71.313	0.002	71.359	-0.005	71.485	-0.002	71.538	-0.002
58.375	0.003	58.428	0.008	58.453	0.008	58.531	0.005	71.608	0.001	71.681	-0.004	71.755	-0.002	71.799	-0.001
58.565	0.005	58.624	0.002	58.686	0.002	58.751	0.002	71.863	-0.006	71.914	-0.006	71.984	-0.001	72.062	-0.006
58.794	0.002	58.809	0.002	58.868	0.002	58.884	0.002	72.129	-0.003	72.192	-0.002	72.233	0.001	72.309	-0.001
58.955	0.005	59.020	-0.001	59.054	0.002	59.094	0.004	72.372	-0.003	72.407	0.002	72.487	0.006	72.563	0.001
59.153	0.007	59.196	0.004	59.282	0.004	59.343	-0.002	72.645	0.002	72.733	0.0	72.783	0.003	72.827	0.004
59.408	-0.005	59.463	0.0	59.513	0.003	59.556	0.002	72.908	0.002	72.983	0.003	73.064	0.003	73.123	0.004
59.614	0.002	59.669	0.005	59.709	0.002	59.780	0.002	73.186	0.002	73.299	0.002	73.365	0.003	73.412	0.005
59.841	0.005	59.895	0.003	59.939	0.0	60.025	-0.002	73.547	0.003	73.650	0.001	73.712	0.004	73.799	0.005
60.065	-0.002	60.126	0.001	60.187	0.004	60.234	0.001	73.927	0.005	73.961	0.008	74.073	0.009	74.148	0.001
60.309	0.007	60.340	0.007	60.368	0.005	60.427	0.0	74.219	-0.002	74.310	0.005	74.388	0.007	74.481	0.005
60.474	0.003	60.539	0.0	60.620	0.005	60.663	0.0	74.543	0.003	74.659	0.001	74.774	0.007	74.844	0.002
60.720	0.0	60.795	-0.002	60.833	-0.004	60.883	-0.004	74.917	0.002	74.994	0.002	75.077	0.003	75.173	0.003
60.912	-0.009	60.978	-0.007	61.041	-0.007	61.053	-0.010	75.249	0.004	75.313	0.001	75.395	-0.001	75.443	0.004
61.129	-0.010	61.188	-0.005	61.224	-0.002	61.297	-0.002	75.490	0.012	75.541	0.010	75.576	-0.023	75.605	-0.028
61.369	-0.002	61.439	-0.003	61.515	-0.003	61.551	-0.003	75.652	0.005	75.690	0.008	75.718	0.010	75.740	0.016
61.603	-0.006	61.675	-0.006	61.707	-0.006	61.746	-0.004	75.765	0.0	75.786	-0.002	75.811	0.003	75.836	0.011
61.778	-0.004	61.834	-0.009	61.875	-0.009	61.901	-0.007	75.874	-0.004	75.911	0.014	75.951	0.001	75.967	-0.009
61.945	-0.002	61.998	-0.005	62.051	-0.005	62.092	-0.005	76.001	0.007	76.036	0.012	76.064	0.002	76.092	-0.003
62.139	-0.007	62.193	-0.007	62.242	-0.007	62.303	-0.008	76.142	0.007	76.163	0.005	76.188	0.010	76.219	0.003
62.349	-0.005	62.420	-0.007	62.481	-0.007	62.524	-0.007	76.260	0.018	76.278	0.015	76.300	0.003	76.325	0.0

76.378	0.008	76.421	0.003	76.458	0.006	76.502	0.009
76.539	0.007	76.595	0.009	76.639	0.005	76.673	0.002
76.732	0.005	76.794	0.008	76.843	0.016	76.887	0.008
76.924	0.006	76.995	0.011	77.039	0.009	77.079	0.004
77.138	0.004	77.190	0.007	77.218	0.002	77.279	0.005
77.306	0.008	77.331	0.008	77.383	0.008	77.416	0.003
77.475	0.008	77.520	0.009	77.557	0.004	77.606	0.009
77.634	0.009	77.667	-0.003	77.697	-0.006	77.734	0.005
77.782	0.010	77.812	0.0	77.848	0.008	77.887	0.0
77.936	0.008	77.960	0.006	77.984	-0.004	78.008	-0.002
78.044	0.008	78.080	0.006	78.126	0.004	78.162	0.006
78.202	0.002	78.239	0.004	78.291	0.007	78.334	0.002
78.386	-0.003	78.423	0.008	78.473	0.005	78.519	0.001
78.562	0.006	78.611	0.004	78.645	0.001	78.673	-0.004
78.743	0.002	78.795	0.007	78.849	0.0	78.897	0.008
78.945	0.005	78.974	0.003	79.009	0.001	79.042	-0.004
79.106	-0.002	79.147	0.004	79.218	0.009	79.309	0.002
79.391	0.0	79.426	-0.003	79.481	-0.002	79.520	0.003
79.595	0.003	79.650	0.004	79.714	0.001	79.762	0.004
79.790	0.002	79.838	0.007	79.876	0.002	79.927	0.002
79.993	0.0	80.060	0.0	80.120	0.008	80.159	0.008
80.209	0.001	80.249	0.001	80.318	0.004	80.362	0.002
80.406	0.002	80.456	0.002	80.506	0.002	80.553	-0.003
80.581	-0.002	80.650	0.0	80.694	0.006	80.713	0.008
80.788	-0.001	80.826	0.001	80.864	0.014	80.889	0.012
80.914	-0.003	80.936	-0.003	80.983	0.012	81.021	0.010
81.062	0.005	81.103	0.015	81.119	0.008	81.159	0.005
81.188	0.013	81.213	0.010	81.242	0.003	81.273	0.0
81.314	0.006	81.352	0.006	81.371	0.003	81.415	0.001
81.456	0.006	81.501	0.006	81.539	0.014	81.564	0.011
81.589	0.001	81.627	0.004	81.677	0.014	81.706	0.010
81.731	0.007	81.769	0.005	81.819	0.005	81.872	-0.002
81.922	0.008	81.954	0.008	81.991	0.003	82.035	0.011
82.067	0.011	82.108	0.004	82.152	0.004	82.211	0.004
82.258	0.004	82.345	0.007	82.395	0.0	82.432	0.003
82.492	0.006	82.545	0.004	82.623	0.001	82.679	-0.001
82.730	0.005	82.780	0.010	82.856	0.008	82.907	0.0
82.973	0.001	82.983	0.001	83.040	0.001	83.122	-0.001
83.179	-0.004	83.249	-0.001	83.265	0.002	83.341	0.0
83.394	0.007	83.439	0.013	83.489	0.003	83.540	-0.005
83.591	0.0	83.632	0.0	83.707	0.001	83.766	0.006
83.798	0.001	83.857	-0.004	83.935	-0.004	84.007	0.006
84.120	0.001	84.217	-0.001	84.276	-0.001	84.336	0.004
84.445	-0.001	84.530	-0.001	84.587	-0.001	84.649	0.002
84.693	-0.003	84.756	0.002	84.809	0.010	84.853	0.002
84.910	-0.006	84.973	-0.003	85.035	-0.001	85.108	-0.001
85.173	-0.001	85.257	0.001	85.335	0.001	85.400	-0.004
85.505	0.001	85.583	0.001	85.688	-0.002	85.767	-0.002
85.885	0.003	85.974	0.001	86.038	-0.002	86.111	-0.004
86.193	-0.004	86.293	-0.009	86.414	-0.009		

65.006. 7/15/65 2346PST OLD RIDGE ROUTE (CWR SITE), CASTAIC, CAL. SOUTH

252 POINTS 7.194 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0847 G/10.

[illegible]

IV331

65.006. 7/15/65 2346PST OLD RIDGE ROUTE (CWR SITE), CASTAIC, CAL. EAST

225 POINTS 7.188 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT CORRECTION, IS 0.0669 G/10.

[illegible]

65.006. 7/15/65 2346PST OLD RIDGE ROUTE (CWR SITE), CASTAIC, CAL. DOWN

201 POINTS 7.185 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADRECTION, IS 0.0373 G/10.

[illegible]

IV332

66-010. 9/12/66 0841PST PACIFIC TEL. & TEL. BLDG., BSMT., SACRAMENTO, CAL. SOUTH

1284 POINTS 42.481 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECCRD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRECTION, IS 0.0243 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.002	0.030	0.002	0.054	-0.004	0.087	-0.004	4.856	-0.008	4.888	0.0	4.928	0.002	4.963	0.0
0.126	-0.002	0.153	-0.002	0.180	0.002	0.200	0.002	4.999	-0.006	5.042	-0.006	5.074	0.0	5.111	0.001
0.225	-0.004	0.264	-0.010	0.299	-0.014	0.333	-0.013	5.150	0.003	5.185	-0.001	5.202	-0.003	5.249	0.007
0.356	-0.005	0.391	-0.003	0.425	0.003	0.453	0.007	5.273	0.007	5.311	-0.001	5.342	-0.005	5.382	-0.005
0.479	0.007	0.510	0.007	0.536	-0.003	0.555	-0.009	5.427	-0.005	5.454	0.005	5.489	0.013	5.504	0.007
0.576	-0.009	0.599	0.005	0.625	0.007	0.653	0.007	5.534	-0.013	5.564	-0.025	5.593	-0.019	5.628	-0.020
0.677	0.006	0.711	0.008	0.739	0.004	0.772	0.002	5.657	-0.012	5.688	0.004	5.728	0.022	5.754	0.034
0.907	-0.002	0.928	-0.004	0.954	0.0	0.986	0.006	5.784	0.024	5.809	0.008	5.836	0.004	5.872	0.006
1.010	0.010	1.042	-0.001	1.073	-0.003	1.102	-0.003	5.909	0.016	5.950	0.020	5.980	0.020	6.006	0.016
1.045	-0.005	1.069	-0.007	1.104	-0.003	1.135	0.002	6.044	0.012	6.084	0.010	6.112	0.006	6.138	0.002
1.177	0.006	1.226	0.008	1.258	0.008	1.288	0.002	6.162	0.0	6.190	0.008	6.222	0.012	6.253	0.016
1.313	-0.002	1.340	-0.009	1.368	-0.013	1.406	-0.013	6.279	0.008	6.309	-0.010	6.329	-0.020	6.350	-0.020
1.434	-0.011	1.467	-0.013	1.492	-0.017	1.521	-0.013	6.374	-0.006	6.407	0.010	6.439	-0.022	6.460	0.030
1.551	-0.005	1.579	0.0	1.619	0.008	1.657	0.006	6.478	0.034	6.502	0.022	6.528	0.006	6.566	-0.022
1.672	0.006	1.693	0.006	1.723	0.004	1.751	-0.002	6.598	-0.046	6.622	-0.060	6.635	-0.064	6.655	-0.050
1.765	-0.002	1.802	0.002	1.835	0.0	1.861	-0.008	6.673	-0.028	6.689	0.0	6.707	-0.020	6.724	-0.030
1.883	-0.014	1.902	-0.016	1.936	-0.012	1.966	-0.004	6.745	0.030	6.777	0.018	6.803	0.008	6.827	0.002
2.001	0.004	2.033	0.006	2.070	0.002	2.111	0.002	6.854	-0.001	6.884	-0.001	6.902	-0.003	6.918	0.003
2.138	-0.002	2.177	-0.010	2.217	-0.006	2.259	0.0	6.937	0.021	6.951	0.039	6.969	-0.051	6.982	0.047
2.2302	0.006	2.346	0.004	2.379	0.002	2.414	0.006	6.999	0.025	7.021	-0.015	7.045	-0.043	7.058	-0.043
2.438	0.002	2.471	-0.006	2.488	-0.010	2.521	-0.006	7.082	-0.025	7.109	-0.019	7.130	-0.025	7.156	-0.046
2.556	-0.004	2.580	-0.008	2.596	-0.038	2.619	-0.006	7.178	-0.080	7.197	-0.112	7.213	-0.122	7.234	-0.118
2.652	-0.002	2.682	0.001	2.708	-0.001	2.728	-0.003	7.251	-0.080	7.272	-0.048	7.292	-0.028	7.312	-0.014
2.741	-0.003	2.765	-0.001	2.788	-0.001	2.812	-0.003	7.333	0.012	7.349	0.044	7.364	0.084	7.377	0.104
2.842	0.001	2.866	0.007	2.896	0.009										

8.646	-0.008	8.662	-0.011	8.684	-0.003	8.706	0.019	13.709	-0.025	13.747	-0.009	13.785	0.009	13.812	0.037
8.727	0.025	8.755	0.021	8.774	0.027	8.787	0.035	13.838	0.061	13.862	0.067	13.887	0.055	13.916	0.043
8.809	0.015	8.830	-0.015	8.856	-0.047	8.885	-0.057	13.943	0.019	13.971	-0.003	14.000	0.005	14.029	0.021
8.909	-0.065	8.928	-0.067	8.944	-0.049	8.965	-0.003	14.056	0.027	14.078	0.039	14.105	0.058	14.129	0.040
8.978	0.033	8.999	0.061	9.024	0.071	9.045	0.067	14.159	0.012	14.180	0.002	14.216	0.010	14.253	0.022
9.064	0.053	9.072	0.037	9.090	0.043	9.106	0.033	14.287	0.032	14.322	0.040	14.360	0.042	14.391	0.028
9.114	-0.051	9.135	-0.057	9.151	-0.047	9.174	-0.038	14.413	0.012	14.441	-0.020	14.461	-0.040	14.487	-0.054
9.196	-0.038	9.215	-0.034	9.231	-0.022	9.257	-0.008	14.502	-0.054	14.526	-0.038	14.551	-0.030	14.575	-0.024
9.282	0.002	9.308	0.022	9.324	0.028	9.344	0.016	14.611	-0.022	14.635	-0.016	14.659	-0.003	14.684	0.001
9.362	-0.010	9.383	-0.046	9.404	-0.070	9.420	-0.088	14.707	-0.001	14.736	-0.011	14.756	-0.027	14.777	-0.055
9.440	-0.094	9.463	-0.082	9.486	-0.056	9.508	-0.030	14.800	-0.071	14.812	-0.075	14.835	-0.067	14.860	-0.043
9.536	0.005	9.561	0.031	9.583	0.033	9.606	0.027	14.884	-0.029	14.915	-0.011	14.942	0.009	14.966	0.021
9.631	0.017	9.658	0.025	9.691	0.031	9.707	0.037	14.998	0.021	15.025	0.019	15.047	0.011	15.068	-0.007
9.733	0.039	9.756	0.043	9.775	0.039	9.798	0.015	15.088	-0.029	15.106	-0.037	15.136	-0.043	15.157	-0.049
9.817	-0.005	9.835	-0.019	9.854	-0.023	9.892	-0.024	15.178	-0.054	15.202	-0.048	15.229	-0.034	15.256	-0.026
9.927	-0.024	9.955	-0.024	9.985	-0.010	10.005	0.018	15.280	-0.016	15.311	-0.012	15.351	-0.014	15.382	-0.010
10.030	0.032	10.067	0.034	10.100	0.026	10.124	0.008	15.411	-0.010	15.429	-0.012	15.455	-0.004	15.477	-0.002
10.147	-0.020	10.166	-0.028	10.195	-0.014	10.218	0.011	15.501	-0.006	15.518	-0.010	15.545	-0.002	15.567	0.018
10.253	0.025	10.285	0.029	10.313	0.057	10.337	0.075	15.591	0.028	15.617	0.020	15.647	0.014	15.676	0.014
10.357	0.079	10.380	0.069	10.409	0.055	10.444	0.029	15.709	0.008	15.729	-0.004	15.751	-0.006	15.778	-0.006
10.478	0.003	10.505	-0.009	10.522	-0.011	10.551	0.003	15.803	-0.008	15.827	-0.016	15.855	-0.022	15.880	-0.012
10.575	0.035	10.597	0.075	10.618	0.111	10.637	0.119	15.906	-0.008	15.930	-0.026	15.961	0.040	15.986	0.053
10.655	0.105	10.674	0.081	10.688	0.045	10.712	-0.011	16.014	0.061	16.040	0.059	16.061	0.049	16.099	0.039
10.730	-0.065	10.750	-0.117	10.765	-0.141	10.782	-0.151	16.113	0.023	16.134	-0.001	16.159	-0.021	16.180	-0.023
10.798	-0.151	10.822	-0.123	10.841	-0.095	10.866	-0.061	16.224	-0.019	16.259	-0.011	16.291	-0.003	16.326	0.007
10.892	-0.041	10.925	-0.019	10.954	-0.005	10.976	-0.003	16.356	0.013	16.392	0.015	16.424	0.015	16.449	0.009
10.995	-0.007	11.014	-0.017	11.032	-0.031	11.052	-0.049	16.468	0.001	16.485	0.015	16.504	-0.021	16.520	-0.023
11.076	-0.073	11.097	-0.083	11.113	-0.077	11.133	-0.048	16.542	-0.015	16.569	-0.011	16.590	-0.017	16.617	-0.021
11.154	0.002	11.170	0.044	11.189	0.060	11.203	0.052	16.640	-0.009	16.658	-0.004	16.677	-0.012	16.693	0.012
11.216	0.034	11.237	0.016	11.256	0.008	11.278	-0.010	16.712	-0.004	16.734	-0.022	16.763	-0.044	16.776	-0.044
11.297	-0.030	11.315	-0.038	11.324	-0.040	11.340	-0.030	16.798	-0.036	16.834	-0.032	16.865	-0.028	16.894	-0.024
11.355	-0.014	11.374	0.012	11.388	0.036	11.412	0.054	16.918	-0.012	16.937	0.0	16.956	0.010	16.984	0.020
11.441	0.058	11.480	0.062	11.510	0.066	11.528	0.058	17.011	-0.016	17.039	0.012	17.066	0.016	17.100	0.024
11.548	0.034	11.566	0.008	11.585	-0.014	11.603	-0.030	17.131	0.020	17.157	0.024	17.186	0.036	17.218	0.048
11.662	-0.038	11.662	-0.028	11.662	-0.028	11.681	-0.008	17.247	0.066	17.271	0.070	17.291	0.060	17.315	0.040
11.694	0.010	11.715	0.034	11.734	0.052	11.755	0.060	17.333	0.022	17.351	-0.004	17.375	-0.038	17.394	-0.058
11.778	0.056	11.797	0.036	11.813	0.022	11.842	0.010	17.422	-0.068	17.452	-0.068	17.493	-0.068	17.517	-0.058
11.865	-0.008	11.891	-0.004	11.915	0.002	11.938	0.0	17.538	-0.042	17.564	-0.024	17.587	-0.016	17.616	-0.002
12.050	-0.032	12.078	-0.018	12.099	0.013	12.123	0.033	17.651	0.012	17.679	0.026	17.700	0.040	17.722	0.046
12.139	0.043	12.164	0.045	12.190	0.031	12.219	0.013	17.742	0.040	17.769	0.028	17.798	0.014	17.833	0.006
12.246	0.007	12.277	-0.001	12.305	-0.015	12.329	-0.035	17.864	0.002	17.918	0.002	17.963	0.004	18.005	0.008
12.350	-0.047	12.368	-0.049	12.387	-0.041	12.408	-0.023	18.033	0.015	18.059	0.011	18.089	-0.005	18.126	-0.019
12.434	0.007	12.461	0.035	12.489	0.043	12.513	0.043	18.158	-0.029	18.182	-0.041	18.213	-0.045	18.243	-0.039
12.538	0.035	12.557	0.023	12.575	0.005	12.602	-0.015	18.275	-0.015	18.308	0.015	18.334	0.035	18.356	0.045
12.623	-0.017	12.656	-0.007	12.691	0.007	12.717	0.019	18.382	0.055	18.399	0.053	18.428	0.037	18.453	0.027
12.740	0.027	12.765	0.035	12.791	0.053	12.815	0.067	18.483	0.019	18.509	0.015	18.534	0.005	18.556	-0.001
12.829	0.069	12.854	0.051	12.878	0.031	12.910	0.005	18.582	-0.005	18.625	-0.005	18.650	-0.008	18.673	-0.020
12.909	-0.017	12.953	-0.037	12.972	-0.059	12.992	-0.081	18.700	-0.026	18.727	-0.018	18.747	-0.002	18.769	0.006
13.009	-0.085	13.031	-0.069	13.060	-0.035	13.086	-0.003	18.794	0.010	18.816	0.004	18.835	0.0	18.864	0.010
13.109	0.019	13.138	0.023	13.172	0.011	13.202	0.005	18.890	0.018	18.930	0.014	18.958	0.008	18.990	0.002
13.231	-0.009	13.246	-0.019	13.267	-0.035	13.287	-0.043	19.016	-0.002	19.035	-0.006	19.061	-0.002	19.094	0.002
13.306	-0.047	13.332	-0.035	13.355	-0.023	13.381	-0.011	19.124	-0.002	19.153	-0.016	19.179	-0.028	19.210	-0.038
13.406	-0.001	13.430	0.003	13.458	-0.005	13.485	-0.025	19.235	-0.048	19.267	-0.050	19.305	-0.042	19.327	-0.032
13.505	-0.045	13.524	-0.061	13.545	-0.071	13.589	-0.075	19.354	-0.022	19.395	-0.016	19.426	-0.016	19.456	-0.006
13.605	-0.069	13.630	-0.049	13.659	-0.033	13.689	-0.033	19.494	0.004	19.532	0.006	19.563	0.006	19.601	0.014
								19.637	0.032	19.677	0.042	19.708	0.046	19.743	0.042

19.781	0.036	19.817	0.024	19.852	0.010	19.890	0.006	28.384	-0.003	28.420	0.005	28.443	0.011	28.476	0.013
19.938	0.004	19.986	0.0	20.017	-0.012	20.050	-0.024	28.504	0.005	28.550	0.001	28.596	0.003	28.624	0.001
20.087	-0.034	20.141	-0.038	20.188	-0.038	20.228	-0.030	28.649	0.001	28.678	0.009	28.709	0.017	28.747	0.019
20.260	-0.016	20.286	-0.006	20.324	-0.016	20.350	-0.024	28.783	0.017	28.814	0.015	28.838	0.009	28.867	0.001
20.386	-0.032	20.416	-0.022	20.460	-0.016	20.500	-0.002	28.903	-0.006	28.935	-0.006	28.966	-0.008	28.995	-0.006
20.536	0.018	20.582	0.026	20.629	0.026	20.686	0.026	29.031	-0.004	29.058	0.002	29.092	-0.004	29.131	-0.006
20.724	0.024	20.750	0.022	20.790	0.032	20.829	0.034	29.178	-0.006	29.219	-0.004	29.259	-0.006	29.284	-0.006
20.864	0.026	20.891	0.012	20.925	-0.006	20.970	-0.014	29.320	-0.004	29.355	0.001	29.388	-0.001	29.417	0.001
21.012	-0.014	21.044	-0.022	21.089	-0.040	21.127	-0.050	29.453	0.001	29.499	0.007	29.526	0.013	29.557	0.017
21.166	-0.060	21.211	-0.066	21.243	-0.056	21.278	-0.048	29.591	0.013	29.633	0.005	29.671	-0.007	29.700	-0.014
21.323	-0.042	21.350	-0.030	21.377	-0.020	21.409	-0.004	29.730	-0.020	29.765	-0.020	29.793	-0.016	29.832	-0.012
21.435	0.006	21.464	0.006	21.494	0.014	21.526	0.026	29.855	-0.012	29.883	-0.012	29.930	-0.006	29.968	-0.006
21.542	0.022	21.584	0.022	21.632	0.026	21.685	0.024	30.005	-0.006	30.049	-0.001	30.079	0.003	30.123	0.007
21.727	0.022	21.773	0.014	21.807	0.010	21.853	0.002	30.177	0.009	30.210	0.011	30.251	0.017	30.290	0.017
21.893	0.002	21.935	-0.004	21.975	-0.017	22.007	-0.023	30.321	0.014	30.374	0.014	30.420	0.010	30.444	0.008
22.053	-0.027	22.103	-0.019	22.137	0.001	22.174	0.025	30.470	0.004	30.495	-0.004	30.530	-0.008	30.577	-0.005
22.204	0.033	22.235	0.035	22.265	0.029	22.297	0.021	30.632	-0.007	30.664	-0.005	30.701	-0.001	30.736	-0.001
22.339	0.011	22.383	0.009	22.436	0.007	22.489	0.013	30.770	0.005	30.811	0.009	30.853	0.010	30.896	0.008
22.537	0.017	22.572	0.021	22.627	0.025	22.672	0.021	30.926	-0.006	30.958	0.0	30.992	-0.008	31.024	-0.012
22.731	0.027	22.780	0.023	22.816	0.021	22.851	0.017	31.059	-0.012	31.086	-0.014	31.116	-0.012	31.159	-0.010
22.887	0.007	22.927	-0.001	22.963	-0.012	22.991	-0.026	31.183	-0.011	31.207	-0.011	31.230	-0.007	31.265	0.001
23.020	-0.028	23.062	-0.024	23.097	-0.016	23.140	-0.016	31.323	-0.009	31.387	0.009	31.436	0.003	31.474	0.001
23.172	-0.016	23.220	-0.014	23.258	-0.020	23.274	-0.020	31.512	-0.005	31.564	-0.005	31.613	-0.003	31.651	-0.003
23.312	-0.010	23.353	0.002	23.389	0.009	23.421	0.019	31.681	-0.007	31.729	-0.009	31.765	-0.011	31.796	-0.011
23.445	-0.023	23.481	0.015	23.525	0.007	23.571	0.001	31.835	-0.007	31.878	0.007	31.917	0.011	31.959	0.017
23.614	-0.005	23.642	-0.011	23.677	-0.019	23.696	-0.019	32.001	0.021	32.045	0.017	32.091	0.015	32.136	0.017
23.740	-0.011	23.779	-0.001	23.825	-0.005	23.860	-0.001	32.180	0.017	32.232	0.019	32.289	0.017	32.341	0.017
23.888	-0.015	23.918	-0.028	23.954	-0.038	23.973	-0.038	32.378	0.013	32.428	0.007	32.476	0.007	32.526	0.008
24.008	-0.032	24.055	-0.028	24.097	-0.022	24.138	-0.020	32.567	0.006	32.618	0.0	32.660	0.0	32.694	0.004
24.188	-0.020	24.224	-0.026	24.259	-0.028	24.298	-0.024	32.730	0.006	32.777	0.002	32.824	-0.004	32.871	-0.008
24.359	-0.016	24.402	-0.006	24.452	0.010	24.500	0.014	32.918	-0.012	32.971	-0.014	33.021	-0.013	33.068	-0.005
24.546	0.015	24.588	0.015	24.614	0.011	24.636	0.007	33.124	-0.005	33.185	-0.003	33.243	0.001	33.298	0.005
24.653	0.007	24.686	0.011	24.714	0.015	24.746	0.021	33.355	-0.012	33.414	0.014	33.458	0.010	33.509	0.008
24.781	0.021	24.808	0.021	24.831	0.017	24.867	0.015	33.571	0.010	33.615	0.008	33.683	0.003	33.734	-0.001
24.897	0.007	24.924	0.003	24.952	0.001	24.984	0.007	33.778	-0.007	33.823	-0.013	33.881	-0.015	33.953	-0.015
25.015	0.015	25.043	0.019	25.086	0.021	25.123	0.019	34.008	-0.015	34.066	-0.013	34.108	-0.009	34.168	-0.003
25.156	0.015	25.189	0.011	25.227	0.007	25.257	0.003	34.223	0.001	34.262	0.009	34.308	0.013	34.356	0.011
25.281	-0.001	25.312	-0.007	25.350	-0.003	25.388	0.003	34.430	0.009	34.473	0.009	34.527	0.007	34.576	0.009
25.424	0.007	25.462	0.003	25.492	0.001	25.519	0.001	34.627	0.009	34.666	0.011	34.715	0.009	34.758	0.005
25.548	-0.003	25.580	-0.011	25.627	-0.013	25.649	-0.015	34.783	0.005	34.818	0.002	34.859	0.0	34.892	0.002
25.681	-0.011	25.716	-0.005	25.745	0.003	25.777	0.007	34.929	0.002	34.973	0.0	35.003	-0.001	35.071	0.003
25.826	0.005	25.858	0.004	25.897	0.006	25.943	0.0	35.130	0.001	35.193	0.0	35.220	-0.002	35.270	0.002
25.963	-0.006	26.032	-0.016	26.082	-0.022	26.141	-0.028	35.318	0.0	35.369	0.003	35.406	0.005	35.478	0.003
26.202	-0.030	26.256	-0.032	26.300	-0.020	26.347	-0.008	35.528	-0.001	35.566	-0.006	35.617	-0.008	35.664	-0.010
26.396	0.0	26.432	0.006	26.480	0.011	26.523	0.007	35.695	-0.010	35.736	-0.005	35.791	0.001	35.836	-0.003
26.570	0.003	26.621	-0.003	26.666	-0.003	26.707	-0.003	35.888	-0.007	35.935	-0.002	35.970	0.0	36.043	-0.004
26.756	-0.011	26.809	-0.019	26.852	-0.016	26.896	-0.014	36.095	-0.004	36.158	-0.002	36.213	0.001	36.264	0.003
26.933	-0.014	26.978	-0.008	27.024	-0.004	27.078	-0.008	36.302	0.007	36.353	0.011	36.410	0.009	36.452	0.007
27.113	-0.008	27.164	-0.008	27.215	-0.003	27.259	0.003	36.512	-0.009	36.571	0.003	36.612	-0.001	36.663	0.0
27.300	0.005	27.338	0.005	27.386	0.008	27.419	0.012	36.707	0.0	36.755	0.004	36.805	0.008	36.846	0.010
27.453	0.020	27.496	0.022	27.529	0.025	27.559	0.025	36.904	0.006	36.950	0.005	37.003	-0.001	37.046	0.009
27.605	0.019	27.665	0.009	27.719	0.004	27.751	0.002	37.093	-0.011	37.131	0.005	37.169	-0.001	37.222	-0.008
27.779	-0.002	27.808	-0.002	27.854	-0.002	27.893	-0.002	37.275	-0.010	37.319	-0.008	37.370	-0.005	37.425	-0.003
27.925	0.002	27.957	0.006	28.023	0.011	28.064	0.011	37.490	0.005	37.543	0.004	37.599	-0.004	37.650	-0.006
28.094	0.009	28.133	0.007	28.170	0.001	28.206	0.003	37.697	-0.007	37.756	-0.003	37.828	0.001	37.891	0.003
28.246	-0.003	28.269	-0.005	28.313	-0.005	28.348	-0.005	37.945	0.008	38.007	0.012	38.065	0.016	38.122	0.010

38.184	0.011	38.248	0.009	38.307	0.009	38.352	0.007
38.403	0.003	38.459	0.005	38.506	0.005	38.546	0.001
38.602	-0.003	38.653	0.0	38.712	0.0	38.774	-0.002
38.832	-0.002	38.875	0.004	38.915	0.008	38.961	0.011
39.028	0.005	39.082	-0.001	39.136	-0.007	39.200	-0.012
39.259	-0.016	39.314	-0.014	39.366	-0.008	39.421	-0.005
39.461	-0.005	39.506	-0.005	39.551	-0.001	39.620	0.008
39.650	0.008	39.776	0.008	39.832	0.013	39.883	0.009
39.936	0.007	39.988	0.001	40.058	0.006	40.134	0.008
40.210	0.008	40.266	0.008	40.311	0.005	40.380	0.003
40.489	0.003	40.594	0.004	40.655	0.002	40.736	-0.002
40.823	-0.001	40.901	-0.001	40.969	-0.003	41.077	0.001
41.154	0.0	41.210	-0.002	41.309	-0.002	41.366	0.002
41.424	0.006	41.488	0.008	41.568	0.010	41.635	0.008
41.702	0.006	41.771	0.004	41.852	0.002	41.945	-0.002
42.017	-0.004	42.113	0.0	42.185	0.002	42.258	0.004
42.334	0.008	42.387	0.006	42.432	0.004	42.481	0.004

1280 POINTS 42.533 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRECTION, IS 0.0219 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.003	0.036	0.001	0.072	0.009	0.098	0.003	5.048	0.0	5.088	0.0	5.112	-0.001	5.152	-0.001
0.138	-0.001	0.166	-0.003	0.189	0.001	0.205	-0.003	5.186	-0.003	5.221	-0.003	5.245	0.007	5.292	0.021
0.241	-0.011	0.271	-0.001	0.309	0.003	0.361	0.001	5.306	0.023	5.332	0.019	5.370	0.029	5.396	0.021
0.381	-0.001	0.409	-0.001	0.439	-0.011	0.463	0.025	5.418	0.007	5.452	-0.011	5.477	-0.013	5.516	-0.001
0.498	-0.019	0.518	-0.013	0.555	-0.002	0.586	0.012	5.559	0.001	5.601	0.001	5.652	-0.003	5.676	-0.007
0.616	0.012	0.645	0.004	0.671	-0.004	0.695	-0.012	5.706	-0.009	5.729	-0.003	5.756	-0.005	5.786	-0.001
0.716	-0.012	0.749	-0.008	0.773	-0.008	0.803	-0.004	5.809	-0.005	5.838	0.001	5.863	-0.005	5.899	-0.007
0.840	-0.004	0.866	-0.004	0.899	-0.002	0.930	-0.010	5.911	-0.009	5.934	0.005	5.963	0.027	5.986	0.041
0.962	-0.020	1.000	-0.006	1.033	0.0	1.054	0.0	6.009	0.037	6.026	0.021	6.052	-0.003	6.070	0.011
1.095	0.008	1.126	0.005	1.157	0.001	1.201	-0.005	6.106	0.025	6.128	0.012	6.156	0.002	6.185	-0.006
1.227	-0.009	1.250	-0.011	1.283	-0.013	1.316	-0.009	6.213	0.010	6.232	0.028	6.261	0.042	6.278	0.038
1.357	-0.001	1.376	0.003	1.435	0.014	1.452	0.010	6.303	0.028	6.328	-0.012	6.344	0.0	6.368	-0.012
1.455	0.016	1.489	0.014	1.523	0.010	1.542	0.010	6.397	-0.018	6.419	-0.036	6.443	-0.052	6.466	-0.054
1.568	0.012	1.590	0.010	1.623	-0.003	1.650	-0.013	6.479	-0.040	6.504	-0.011	6.530	0.005	6.543	0.007
1.668	-0.015	1.701	-0.009	1.731	-0.005	1.756	-0.005	6.566	-0.001	6.592	-0.005	6.620	-0.003	6.645	-0.003
1.781	-0.005	1.811	-0.002	1.838	-0.006	1.860	-0.010	6.652	-0.009	6.676	-0.039	6.697	-0.051	6.717	-0.059
1.884	-0.004	1.908	0.002	1.935	0.004	1.974	0.004	6.738	-0.055	6.757	-0.053	6.794	-0.061	6.807	-0.065
2.057	-0.003	2.057	-0.007	2.096	-0.009	2.132	-0.007	6.833	-0.053	6.855	-0.045	6.871	-0.043	6.893	-0.054
2.212	-0.003	2.178	0.001	2.197	-0.001	2.224	-0.006	6.930	-0.064	6.947	-0.046	6.962	-0.014	6.973	0.021
2.258	-0.010	2.299	-0.008	2.322	-0.006	2.348	-0.008	6.989	0.067	7.010	0.115	7.026	0.133	7.033	0.131
2.387	-0.008	2.412	-0.010	2.436	-0.012	2.471	-0.006	7.058	0.099	7.082	0.050	7.106	0.006	7.133	-0.026
2.502	-0.001	2.539	0.001	2.569	-0.001	2.591	0.003	7.158	-0.052	7.171	0.032	7.195	0.018	7.212	0.038
2.624	0.003	2.662	0.005	2.704	0.001	2.742	0.005	7.222	0.036	7.246	0.012	7.257	-0.008	7.276	-0.028
2.779	0.003	2.817	0.001	2.847	0.001	2.879	-0.001	7.295	-0.034	7.336	-0.030	7.350	-0.034	7.368	-0.036
2.902	-0.001	2.931	-0.007	2.956	-0.014	2.994	-0.014	7.390	-0.010	7.415	-0.033	7.434	0.057	7.453	0.067
3.021	-0.014	3.053	-0.008	3.082	-0.002	3.112	0.0	7.470	0.049	7.492	0.023	7.512	0.005	7.533	0.001
3.155	-0.002	3.174	-0.002	3.210	-0.004	3.234	-0.006	7.555	0.013	7.586	0.035	7.621	0.057	7.645	0.065
3.326	0.0	3.310	0.002	3.363	0.002	3.397	0.002	7.665	0.047	7.692	0.023	7.711	0.015	7.748	0.016
3.359	-0.008	3.425	0.002	3.462	0.0	3.523	-0.004	7.758	0.018	7.786	0.028	7.811	0.056	7.838	0.084
3.584	-0.003	3.590	-0.004	3.627	-0.001	3.652	-0.005	7.858	0.096	7.867	0.096	7.884	0.076	7.916	0.026
3.684	-0.003	3.726	0.001	3.753	0.005	3.783	0.007	7.944	-0.036	7.967	-0.058	7.992	-0.070	8.029	-0.100
3.811	0.005	3.843	-0.005	3.880	-0.009	3.923	-0.009	8.050	-0.110	8.065	-0.106	8.090	-0.081	8.114	-0.063
3.953	-0.008	3.994	-0.010	4.025	-0.010	4.077	-0.008	8.135	-0.051	8.165	-0.061	8.190	-0.051	8.217	-0.047
4.122	-0.006	4.133	-0.002	4.172	0.002	4.197	0.005	8.238	-0.051	8.256	-0.055	8.277	-0.043	8.298	-0.009
4.227	0.001	4.248	-0.001	4.269	0.005	4.299	0.011	8.314	0.033	8.332	0.073	8.346	0.083	8.368	0.077
4.331	0.007	4.370	0.005	4.404	0.003	4.452	0.007	8.392	0.055	8.408	0.029	8.423	0.001	8.442	-0.037
4.473	0.005	4.510	-0.001	4.533	-0.007	4.569	-0.013	8.455	-0.053	8.470	-0.057	8.495	-0.035	8.517	-0.001
4.601	-0.010	4.634	-0.010	4.671	-0.018	4.694	-0.016	8.544	0.031	8.568	0.055	8.579	0.063	8.597	0.051
4.731	-0.008	4.772	-0.008	4.802	-0.012	4.844	-0.004	8.623	0.020	8.637	0.002	8.657	-0.012	8.681	-0.032
4.879	-0.010	4.921	-0.004	4.969	-0.004	5.011	0.004	8.701	-0.052	8.717	-0.062	8.725	-0.058	8.745	-0.030

8.767	-0.014	8.788	0.0	8.816	0.004	8.831	0.004	14.528	0.046	14.551	0.022	14.587	-0.004	14.615	-0.011
8.850	0.006	8.885	0.014	8.908	0.018	8.926	0.008	14.645	-0.031	14.672	-0.041	14.709	-0.047	14.743	-0.061
8.942	-0.010	8.964	-0.026	8.972	-0.026	8.998	-0.042	14.762	-0.065	14.793	-0.053	14.820	-0.045	14.852	-0.035
9.020	0.020	9.054	0.050	9.088	0.062	9.107	0.002	14.877	-0.027	14.903	-0.021	14.927	-0.011	14.959	-0.027
9.133	0.010	9.150	0.004	9.176	0.0	9.189	-0.014	14.981	-0.041	15.010	-0.047	15.056	-0.047	15.094	-0.048
9.211	-0.042	9.235	-0.058	9.255	-0.050	9.285	-0.044	15.125	-0.044	15.152	-0.020	15.177	0.002	15.201	0.022
9.311	-0.048	9.328	-0.052	9.352	-0.046	9.373	-0.040	15.233	0.038	15.267	0.046	15.294	0.030	15.316	0.016
9.396	-0.029	9.419	-0.011	9.439	0.013	9.461	0.047	15.347	0.0	15.369	-0.004	15.412	0.007	15.442	0.011
9.473	0.053	9.491	0.045	9.512	0.029	9.533	0.023	15.461	0.013	15.494	0.009	15.535	0.015	15.570	0.017
9.548	0.019	9.562	0.017	9.579	0.001	9.593	-0.021	15.595	0.011	15.609	0.005	15.625	-0.001	15.658	0.003
9.613	-0.039	9.631	-0.045	9.657	-0.041	9.685	-0.047	15.691	0.003	15.721	0.0	15.750	-0.012	15.777	-0.020
9.699	-0.045	9.715	-0.016	9.758	0.012	9.779	0.032	15.806	-0.016	15.836	-0.010	15.869	0.004	15.893	0.020
9.794	0.036	9.815	0.024	9.847	0.0	9.879	0.038	15.922	0.030	15.954	0.024	15.980	0.016	16.023	0.016
9.903	-0.052	9.916	-0.052	9.949	-0.038	9.984	-0.014	16.048	0.016	16.084	0.008	16.118	0.002	16.142	0.002
10.021	0.020	10.052	0.054	10.079	0.058	10.110	0.060	16.171	-0.002	16.189	0.001	16.225	0.005	16.248	-0.001
10.125	0.048	10.150	0.010	10.176	-0.016	10.202	-0.028	16.289	-0.009	16.319	-0.009	16.354	-0.009	16.381	-0.009
10.230	-0.032	10.262	-0.020	10.300	-0.006	10.335	-0.006	16.430	0.001	16.461	0.007	16.495	0.003	16.526	-0.001
10.358	0.002	10.390	0.016	10.415	0.028	10.434	0.028	16.556	-0.003	16.575	-0.009	16.604	-0.015	16.629	-0.007
10.461	0.014	10.485	-0.014	10.501	-0.034	10.522	-0.050	16.666	-0.001	16.692	-0.006	16.727	-0.016	16.760	-0.020
10.539	-0.044	10.560	-0.022	10.597	0.008	10.624	0.040	16.810	-0.014	16.851	-0.008	16.881	-0.004	16.907	0.002
10.650	0.086	10.672	0.110	10.694	0.118	10.715	0.116	16.930	0.018	16.960	0.038	16.999	0.044	17.030	0.050
10.740	0.102	10.766	0.070	10.788	0.042	10.804	0.012	17.064	0.056	17.109	0.052	17.135	0.038	17.160	0.016
10.826	-0.006	10.853	0.0	10.882	-0.012	10.909	-0.044	17.186	-0.006	17.223	-0.022	17.244	-0.022	17.277	-0.010
10.930	-0.050	10.955	-0.050	10.976	-0.062	10.992	-0.064	17.307	-0.006	17.343	-0.002	17.374	-0.012	17.417	-0.024
11.014	-0.048	11.039	-0.026	11.061	-0.014	11.088	-0.024	17.442	-0.026	17.484	-0.024	17.508	-0.016	17.535	-0.004
11.120	-0.042	11.141	-0.062	11.158	-0.070	11.193	-0.061	17.560	0.014	17.589	0.038	17.621	0.048	17.657	0.038
11.238	-0.053	11.263	-0.041	11.297	-0.031	11.327	-0.029	17.691	0.028	17.720	0.008	17.746	-0.010	17.775	-0.026
11.369	-0.015	11.401	-0.001	11.437	0.015	11.469	0.027	17.802	-0.040	17.832	-0.055	17.861	-0.061	17.888	-0.051
11.508	0.031	11.537	0.021	11.556	0.011	11.584	0.011	17.927	-0.035	17.967	-0.013	17.993	0.011	18.026	0.039
11.608	-0.005	11.629	-0.017	11.645	-0.021	11.676	-0.005	18.058	0.047	18.089	0.039	18.121	0.025	18.151	0.015
11.706	0.003	11.730	-0.003	11.757	0.015	11.783	0.041	18.196	-0.009	18.236	-0.001	18.283	-0.003	18.305	-0.011
11.812	0.061	11.828	0.063	11.854	0.035	11.875	0.020	18.337	0.019	18.370	0.023	18.408	-0.023	18.440	-0.025
11.996	0.010	11.922	0.028	11.953	0.034	11.974	0.030	18.470	-0.017	18.508	-0.013	18.548	-0.019	18.574	-0.021
12.010	0.016	12.036	0.006	12.050	0.004	12.081	0.016	18.621	-0.009	18.651	0.015	18.682	0.031	18.715	0.043
12.109	0.034	12.145	0.042	12.170	0.026	12.201	0.0	18.745	0.049	18.780	0.053	18.809	0.053	18.834	0.033
12.227	-0.026	12.252	-0.048	12.269	-0.054	12.312	-0.042	18.859	0.011	18.889	0.001	18.935	-0.005	18.980	-0.011
12.342	-0.026	12.379	0.0	12.409	0.006	12.451	0.010	19.023	-0.027	19.056	-0.039	19.086	-0.047	19.112	-0.053
12.478	0.018	12.524	0.022	12.549	0.014	12.582	0.020	19.153	-0.057	19.188	-0.057	19.224	-0.042	19.251	-0.026
12.616	0.028	12.637	0.034	12.659	0.042	12.689	0.054	19.276	-0.012	19.311	-0.008	19.358	-0.010	19.394	-0.012
12.711	0.046	12.735	0.018	12.773	-0.012	12.801	-0.040	19.431	-0.012	19.467	-0.010	19.495	-0.012	19.522	-0.006
12.819	-0.062	12.836	-0.066	12.870	-0.038	12.899	-0.014	19.554	0.0	19.580	0.010	19.609	0.014	19.631	0.018
12.932	0.002	12.967	-0.008	13.001	-0.018	13.025	-0.020	19.650	0.024	19.673	0.034	19.702	0.034	19.724	0.030
13.058	-0.012	13.076	0.038	13.109	0.024	13.141	0.032	19.766	0.026	19.797	0.022	19.826	0.016	19.853	0.004
13.165	0.035	13.187	0.015	13.214	-0.019	13.241	-0.045	19.883	-0.006	19.915	-0.010	19.947	-0.020	19.985	-0.036
13.267	-0.053	13.295	-0.053	13.325	-0.041	13.351	-0.029	20.014	-0.038	20.040	-0.034	20.075	-0.030	20.117	-0.028
13.381	-0.017	13.409	-0.009	13.431	-0.001	13.463	0.005	20.144	-0.023	20.174	-0.015	20.211	-0.009	20.238	-0.013
13.490	-0.001	13.510	-0.013	13.526	-0.015	13.553	-0.001	20.285	-0.013	20.323	-0.013	20.348	-0.013	20.375	-0.011
13.575	0.009	13.613	0.023	13.638	0.037	13.665	0.044	20.407	-0.007	20.435	-0.005	20.470	-0.007	20.491	-0.011
13.684	0.040	13.703	0.028	13.723	0.016	13.764	0.008	20.514	-0.003	20.538	0.001	20.573	0.005	20.590	0.009
13.791	-0.006	13.818	-0.016	13.853	-0.012	13.880	-0.028	20.612	0.021	20.643	0.031	20.682	0.033	20.715	0.029
13.900	-0.042	13.931	-0.060	13.958	-0.062	13.979	-0.068	20.762	0.017	20.799	0.027	20.847	0.029	20.886	0.021
13.996	-0.068	14.019	-0.060	14.047	-0.048	14.086	-0.046	20.912	0.017	20.937	0.013	20.968	0.007	21.011	-0.009
14.106	-0.044	14.140	-0.030	14.171	-0.014	14.203	0.008	21.024	-0.013	21.069	-0.021	21.091	-0.017	21.125	-0.018
14.238	0.018	14.264	0.036	14.284	0.036	14.313	0.044	21.162	-0.018	21.196	-0.016	21.231	-0.016	21.276	-0.014
14.342	0.042	14.371	0.036	14.393	0.044	14.422	0.056	21.303	-0.006	21.332	0.008	21.378	0.012	21.409	0.014
14.448	0.060	14.474	0.058	14.483	0.056	14.510	0.056	21.434	0.012	21.479	0.008	21.514	0.001	21.551	-0.009

21.590	-0.017	21.633	-0.023	21.668	-0.023	21.713	-0.017	29.662	-0.013	29.706	-0.016	29.745	-0.016	29.782	-0.016
21.737	-0.005	21.764	0.009	21.796	0.013	21.827	0.015	29.826	-0.012	29.870	-0.008	29.905	-0.006	29.937	-0.004
21.867	0.009	21.889	0.007	21.917	0.003	21.958	0.005	29.975	-0.002	30.014	0.002	30.047	0.006	30.079	0.012
21.993	0.003	22.030	-0.003	22.046	-0.009	22.083	0.009	30.114	0.012	30.148	0.012	30.188	0.015	30.216	0.019
22.107	-0.003	22.141	-0.005	22.159	-0.003	22.184	0.003	30.246	0.019	30.287	0.021	30.310	0.017	30.338	0.013
22.231	0.007	22.271	-0.001	22.312	-0.011	22.346	-0.017	30.370	0.011	30.412	0.009	30.466	0.011	30.514	0.011
22.394	-0.015	22.423	-0.013	22.466	-0.015	22.501	-0.021	30.544	0.013	30.573	0.009	30.603	0.005	30.629	0.001
22.538	-0.023	22.575	-0.021	22.620	-0.017	22.644	-0.021	30.651	-0.001	30.680	-0.001	30.701	0.0	30.732	0.004
22.666	0.005	22.693	0.024	22.719	0.028	22.754	0.030	30.766	0.010	30.796	0.014	30.827	0.012	30.849	0.006
22.789	0.032	22.828	0.022	22.863	0.018	22.896	0.006	30.871	0.004	30.902	0.006	30.930	0.008	30.969	0.016
22.930	0.0	22.968	0.006	23.005	0.014	23.043	0.022	31.014	0.016	31.050	0.016	31.089	0.010	31.116	0.002
23.083	0.018	23.127	0.010	23.162	-0.002	23.198	-0.010	31.143	-0.002	31.173	-0.004	31.218	-0.004	31.261	0.0
23.238	-0.010	23.283	-0.008	23.319	-0.004	23.364	0.004	31.294	0.004	31.332	0.002	31.382	0.0	31.432	0.0
23.394	0.010	23.424	0.012	23.455	0.012	23.474	0.011	31.473	-0.002	31.513	-0.002	31.546	-0.004	31.589	-0.002
23.506	0.011	23.549	0.011	23.590	0.013	23.626	0.017	31.625	0.002	31.663	0.0	31.701	0.008	31.738	0.006
23.658	0.007	23.685	-0.003	23.715	-0.013	23.756	-0.019	31.777	-0.002	31.810	-0.004	31.851	-0.002	31.889	-0.002
23.797	-0.011	23.850	-0.005	23.901	-0.003	23.940	-0.017	31.922	-0.002	31.951	0.002	31.991	0.008	32.041	0.008
23.975	-0.023	24.015	-0.027	24.045	-0.029	24.088	-0.023	32.074	0.010	32.113	0.013	32.152	0.009	32.196	0.005
24.132	-0.010	24.184	-0.008	24.229	-0.008	24.260	-0.014	32.246	0.005	32.296	0.007	32.338	0.011	32.379	0.017
24.289	-0.018	24.322	-0.010	24.384	-0.004	24.426	-0.004	32.425	0.015	32.472	0.017	32.514	0.013	32.553	0.011
24.465	0.004	24.506	0.006	24.553	0.004	24.612	0.004	32.597	0.015	32.625	0.013	32.664	0.009	32.712	0.004
24.651	0.010	24.686	0.009	24.744	0.003	24.781	-0.005	32.762	0.004	32.815	0.002	32.857	0.002	32.895	0.0
24.806	-0.005	24.831	-0.001	24.877	-0.003	24.924	-0.009	32.927	0.0	32.974	0.006	33.018	0.004	33.084	0.004
24.976	-0.009	25.017	-0.007	25.053	-0.003	25.109	-0.001	33.123	0.006	33.157	0.002	33.185	0.003	33.223	0.007
25.133	-0.003	25.163	-0.005	25.200	0.0	25.233	0.004	33.266	0.007	33.333	0.007	33.369	0.005	33.409	-0.001
25.274	-0.004	25.301	-0.006	25.349	-0.004	25.386	-0.010	33.453	-0.007	33.501	-0.007	33.540	-0.007	33.575	0.0
25.429	-0.016	25.469	-0.018	25.509	-0.010	25.541	0.002	33.615	0.008	33.679	0.004	33.711	0.004	33.772	0.002
25.586	0.010	25.631	0.010	25.685	0.002	25.738	0.002	33.823	0.0	33.879	0.003	33.939	-0.001	33.992	0.001
25.775	0.008	25.813	0.020	25.853	0.022	25.891	0.014	34.046	0.001	34.107	0.002	34.155	-0.002	34.193	-0.006
25.931	0.002	25.992	-0.008	26.038	-0.014	26.080	-0.018	34.222	-0.008	34.276	-0.004	34.344	-0.002	34.398	-0.004
26.141	-0.015	26.192	-0.011	26.240	-0.003	26.294	0.003	34.454	-0.001	34.509	0.001	34.565	0.009	34.611	0.013
26.337	0.007	26.372	0.001	26.408	-0.009	26.435	-0.011	34.653	0.011	34.682	0.007	34.731	0.005	34.763	0.005
26.480	-0.011	26.511	-0.011	26.540	-0.007	26.565	-0.003	34.807	0.009	34.856	0.011	34.898	0.015	34.942	0.011
26.591	0.007	26.629	0.013	26.661	0.011	26.686	0.005	34.995	0.009	35.038	0.005	35.101	0.003	35.138	-0.002
26.735	-0.007	26.780	-0.013	26.813	-0.015	26.855	-0.013	35.178	-0.004	35.201	-0.004	35.241	-0.002	35.272	0.0
26.898	-0.013	26.942	-0.015	26.980	-0.017	27.019	-0.021	35.299	-0.002	35.340	-0.002	35.398	0.002	35.455	0.006
27.038	-0.023	27.090	-0.013	27.133	-0.009	27.170	-0.005	35.495	0.008	35.543	0.008	35.579	0.007	35.624	0.007
27.203	0.003	27.237	0.001	27.279	0.007	27.319	0.005	35.670	0.003	35.714	-0.001	35.761	-0.007	35.801	-0.007
27.348	0.001	27.398	-0.003	27.430	0.001	27.467	0.006	35.862	-0.001	35.922	0.002	35.973	0.002	36.016	0.002
*27.510	0.0	27.551	-0.002	27.608	-0.002	27.641	-0.004	36.060	0.0	36.093	-0.002	36.142	0.0	36.193	0.002
27.673	-0.002	27.706	-0.006	27.754	-0.014	27.791	-0.012	36.230	0.001	36.283	-0.001	36.345	-0.001	36.410	0.003
27.831	-0.006	27.866	0.001	27.897	0.009	27.937	0.021	36.458	0.003	36.515	0.007	36.566	0.010	36.629	0.012
27.992	0.021	28.027	0.013	28.103	0.009	28.129	0.006	36.663	0.012	36.701	0.002	36.737	0.0	36.779	0.0
28.179	0.0	28.208	0.0	28.241	0.001	28.272	0.001	36.817	0.002	36.878	0.005	36.919	0.001	36.975	-0.001
28.300	-0.003	28.323	-0.005	28.346	-0.005	28.374	-0.005	37.022	-0.003	37.063	-0.003	37.116	-0.002	37.175	0.002
28.403	-0.003	28.431	-0.001	28.456	0.008	28.482	0.012	37.225	0.002	37.258	0.002	37.301	0.004	37.344	0.010
28.504	0.014	28.533	0.014	28.570	0.016	28.611	0.016	37.402	0.013	37.442	0.011	37.493	0.007	37.549	0.001
28.644	0.017	28.675	0.013	28.722	0.009	28.747	0.007	37.596	-0.003	37.648	-0.001	37.689	0.001	37.746	0.008
28.770	0.001	28.791	-0.003	28.808	-0.003	28.837	-0.003	37.791	0.010	37.852	0.014	37.892	0.012	37.935	0.008
28.867	-0.003	28.889	-0.004	28.914	-0.008	28.929	-0.010	37.973	0.006	38.024	0.006	38.059	0.008	38.099	0.006
28.949	-0.008	28.974	-0.002	29.007	0.002	29.047	0.004	38.136	0.004	38.187	0.007	38.230	0.005	38.275	-0.001
29.086	0.008	29.120	0.012	29.159	0.014	29.192	0.014	38.323	-0.005	38.380	0.001	38.430	0.005	38.475	0.009
29.227	0.015	29.253	0.013	29.285	0.005	29.317	0.001	38.526	-0.011	38.577	0.008	38.617	0.002	38.667	0.0
29.342	0.003	29.363	-0.003	29.383	-0.005	29.402	-0.005	38.710	0.002	38.731	0.002	38.771	0.006	38.806	0.008
29.431	-0.003	29.464	-0.005	29.494	-0.011	29.515	-0.013	38.849	0.010	38.879	0.011	38.928	0.009	38.964	0.009
29.541	-0.011	29.579	-0.009	29.614	-0.007	29.641	-0.007	39.000	0.007	39.050	0.003	39.109	0.004	39.156	0.002

39.198	-0.002	39.239	-0.002	39.285	-0.004	39.333	-0.002
39.391	0.001	39.440	-0.001	39.487	-0.001	39.527	-0.003
39.573	-0.003	39.614	0.006	39.659	0.008	39.712	0.010
39.767	0.010	39.815	0.008	39.860	0.009	39.910	0.007
39.971	0.007	40.036	0.007	40.103	0.008	40.159	0.010
40.203	0.014	40.262	0.014	40.320	0.012	40.373	0.011
40.416	0.005	40.450	0.003	40.508	0.009	40.562	0.009
40.620	0.010	40.668	0.006	40.711	0.0	40.761	-0.002
40.800	-0.004	40.858	0.003	40.904	0.005	40.968	0.003
41.021	0.003	41.046	0.001	41.099	0.005	41.149	0.006
41.198	0.0	41.250	0.002	41.306	0.002	41.356	0.004
41.460	0.002	41.448	0.005	41.498	0.007	41.553	0.009
41.613	0.009	41.668	0.007	41.724	0.003	41.790	0.003
41.842	0.005	41.893	0.003	41.941	0.003	41.999	0.003
42.053	0.005	42.127	0.005	42.197	0.003	42.271	0.003
42.338	0.002	42.407	0.0	42.477	0.0	42.553	0.0

IV332

66.010. 9/12/66 0841PST PACIFIC TEL. & TEL. BLDG.. BSMT., SACRAMENTO, CAL. UP

1389 POINTS 42.555 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC. G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0126 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	0.006	0.021	-0.004	0.038	0.002	0.057	0.008	3.855	-0.008	3.920	-0.022	3.939	-0.034	3.967	-0.022		
0.071	0.008	0.092	0.0	0.115	0.002	0.131	0.008	3.583	-0.006	4.007	0.010	4.041	0.024	4.064	0.024		
0.154	0.008	0.203	0.016	0.233	0.018	0.244	0.016	4.096	0.026	4.122	0.024	4.151	0.012	4.171	-0.004		
0.263	0.0	0.284	-0.014	0.304	-0.004	0.330	0.012	4.203	-0.018	4.210	-0.022	4.226	-0.012	4.245	0.008		
0.344	0.016	0.370	0.002	0.392	-0.014	0.406	-0.018	4.267	0.024	4.283	0.016	4.309	0.002	4.328	-0.010		
0.434	-0.011	0.460	0.003	0.474	0.005	0.495	0.007	4.361	-0.018	4.370	-0.020	4.393	-0.012	4.418	0.004		
0.526	0.019	0.550	0.029	0.564	0.019	0.600	-0.011	4.435	-0.012	4.455	0.008	4.484	-0.004	4.504	-0.008		
0.621	-0.015	0.654	-0.010	0.689	0.004	0.715	0.014	4.538	0.006	4.570	-0.002	4.593	-0.006	4.614	-0.008		
0.746	0.008	0.781	0.012	0.795	0.008	0.826	-0.002	4.637	-0.006	4.678	0.002	4.712	0.016	4.736	0.024		
0.840	-0.001	0.857	0.005	0.884	0.003	0.913	-0.005	4.757	0.014	4.785	0.002	4.801	-0.004	4.824	0.004		
0.953	0.009	0.988	0.012	1.021	0.004	1.042	0.004	4.849	0.012	4.865	0.016	4.880	0.004	4.896	-0.016		
1.070	-0.004	1.105	-0.002	1.128	-0.003	1.163	-0.001	4.917	-0.032	4.926	-0.032	4.946	-0.018	4.965	0.006		
1.192	0.005	1.212	0.007	1.229	0.003	1.260	0.002	4.991	0.014	5.015	0.004	5.040	-0.010	5.052	-0.012		
1.287	-0.006	1.311	-0.006	1.347	0.0	1.367	0.002	5.074	0.0	5.101	0.010	5.119	-0.002	5.132	-0.016		
1.382	0.002	1.407	-0.002	1.414	-0.006	1.437	-0.010	5.149	-0.028	5.165	-0.024	5.189	-0.010	5.209	0.002		
1.460	-0.002	1.490	0.007	1.522	0.005	1.543	0.001	5.233	0.008	5.246	0.010	5.263	0.0	5.286	-0.004		
1.570	-0.005	1.600	0.001	1.626	0.005	1.658	0.005	5.310	0.008	5.324	0.020	5.347	0.026	5.367	0.020		
1.683	0.009	1.701	0.011	1.726	0.004	1.739	0.0	5.385	0.014	5.409	0.0	5.423	-0.008	5.444	-0.010		
1.756	0.004	1.779	0.008	1.804	0.0	1.828	0.006	5.465	-0.016	5.478	-0.018	5.494	-0.016	5.520	-0.016		
1.852	0.006	1.871	-0.002	1.890	-0.012	1.911	-0.014	5.548	-0.024	5.571	-0.036	5.592	-0.040	5.617	-0.030		
1.930	-0.012	1.954	-0.008	1.984	0.004	2.009	0.014	5.646	-0.024	5.673	-0.026	5.688	-0.022	5.715	-0.004		
2.048	0.012	2.092	0.012	2.120	0.012	2.137	0.014	5.736	0.006	5.763	0.006	5.784	0.014	5.809	0.030		
2.156	0.011	2.172	0.003	2.198	-0.003	2.223	-0.011	5.832	0.042	5.855	0.064	5.873	0.080	5.878	0.086		
2.241	-0.011	2.269	-0.005	2.301	0.007	2.331	0.015	5.889	0.074	5.905	0.056	5.920	0.040	5.939	0.024		
2.358	0.017	2.380	0.013	2.398	0.007	2.421	0.003	5.962	-0.022	5.983	0.010	6.004	-0.014	6.015	-0.018		
2.454	0.001	2.483	0.003	2.500	0.001	2.519	-0.001	6.035	-0.002	6.056	0.018	6.080	0.038	6.101	0.050		
2.543	0.003	2.571	0.011	2.598	0.007	2.619	-0.001	6.113	-0.052	6.127	0.036	6.145	0.008	6.161	-0.012		
2.633	-0.007	2.655	-0.014	2.685	-0.006	2.704	0.004	6.190	-0.014	6.218	-0.014	6.234	-0.030	6.260	-0.050		
2.728	0.008	2.751	0.004	2.764	0.004	2.784	0.008	6.284	-0.062	6.307	-0.050	6.328	-0.030	6.356	-0.004		
2.803	0.006	2.819	-0.002	2.840	-0.006	2.864	-0.002	6.383	0.012	6.417	0.024	6.448	0.038	6.459	0.040		
2.892	0.0	2.919	0.0	2.937	-0.002	2.956	-0.002	6.482	0.028	6.508	0.012	6.527	-0.006	6.549	0.015		
2.987	0.004	3.019	0.012	3.036	0.006	3.051	0.0	6.578	-0.019	6.605	-0.005	6.626	0.005	6.641	0.001		
3.075	-0.006	3.101	-0.004	3.140	0.0	3.165	-0.003	6.660	-0.009	6.683	-0.019	6.711	-0.025	6.732	-0.025		
3.184	-0.013	3.208	-0.019	3.238	-0.009	3.260	0.007	6.751	-0.015	6.769	0.003	6.790	0.009	6.806	-0.005		
3.282	0.013	3.305	0.015	3.324	0.001	3.349	-0.007	6.824	-0.029	6.840	-0.044	6.854	-0.042	6.875	-0.032		
3.370	-0.009	3.399	-0.007	3.424	0.001	3.474	0.007	6.894	-0.026	6.919	-0.020	6.942	-0.002	6.966	0.028		
3.483	0.001	3.507	-0.001	3.527	-0.003	3.549	0.003	6.978	0.058	6.993	0.076	7.012	0.088	7.023	0.084		
3.584	0.009	3.603	0.005	3.642	-0.007	3.666	-0.010	7.036	0.054	7.052	0.026	7.076	0.002	7.095	-0.023		
3.694	0.0	3.721	0.014	3.750	0.020	3.776	0.018	7.113	-0.031	7.135	-0.017	7.154	-0.001	7.176	0.001		
3.800	0.002	3.824	-0.004	3.856	0.0	3.878	0.002	7.191	-0.011	7.224	-0.023	7.255	-0.025	7.282	-0.015		

7.313	-0.007	7.334	-0.009	7.353	-0.001	7.376	0.021	12.301	0.008	12.331	0.0	12.373	0.0	12.398	-0.004
7.386	0.027	7.405	0.010	7.423	-0.002	7.457	-0.010	12.425	-0.012	12.449	-0.012	12.479	-0.006	12.500	-0.006
7.490	-0.008	7.520	0.0	7.534	0.008	7.565	0.014	12.522	-0.014	12.543	-0.024	12.574	-0.020	12.593	-0.006
7.592	0.028	7.614	0.034	7.641	0.024	7.664	0.012	12.619	0.004	12.640	0.014	12.658	0.016	12.676	0.008
7.690	0.018	7.707	0.022	7.735	0.012	7.757	-0.004	12.702	0.004	12.721	0.012	12.741	-0.020	12.762	-0.022
7.789	-0.018	7.798	-0.026	7.809	-0.026	7.823	-0.020	12.788	-0.012	12.815	-0.004	12.836	0.002	12.858	0.012
7.847	0.016	7.865	0.040	7.878	0.040	7.893	0.032	12.883	0.018	12.895	0.022	12.930	0.014	12.958	0.006
7.920	0.020	7.942	0.004	7.965	-0.006	7.985	-0.010	12.982	0.0	13.019	-0.008	13.048	-0.012	13.073	-0.006
8.010	-0.014	8.023	-0.016	8.046	-0.006	8.065	0.002	13.105	0.004	13.142	0.004	13.175	0.004	13.212	-0.002
8.091	0.008	8.115	0.020	8.143	0.024	8.169	0.020	13.239	-0.010	13.266	-0.012	13.302	-0.010	13.334	-0.008
8.191	0.006	8.210	-0.004	8.224	-0.008	8.251	-0.010	13.386	-0.008	13.394	-0.008	13.429	-0.008	13.443	-0.014
8.266	-0.014	8.283	-0.030	8.305	-0.042	8.321	-0.036	13.483	-0.013	13.495	-0.007	13.532	-0.001	13.569	0.003
8.346	-0.024	8.363	-0.004	8.384	0.012	8.398	0.008	13.593	0.003	13.622	-0.003	13.645	0.005	13.672	0.009
8.417	-0.012	8.434	-0.028	8.459	-0.014	8.478	0.0	13.699	0.009	13.720	0.013	13.770	0.019	13.808	0.019
8.495	0.006	8.515	0.012	8.533	0.008	8.553	0.006	13.837	0.015	13.862	0.019	13.891	0.023	13.926	0.022
8.573	0.010	8.597	0.033	8.617	0.045	8.649	0.047	13.945	0.012	13.964	0.002	13.994	-0.010	14.032	-0.008
8.666	0.031	8.693	0.013	8.705	0.007	8.730	0.015	14.061	-0.012	14.083	-0.022	14.096	-0.022	14.118	-0.012
8.749	0.017	8.762	0.013	8.784	-0.013	8.803	-0.025	14.147	-0.002	14.183	-0.006	14.206	-0.002	14.241	-0.005
8.825	-0.031	8.851	-0.031	8.875	-0.019	8.889	-0.019	14.263	0.005	14.295	-0.005	14.327	-0.017	14.351	-0.011
8.908	-0.027	8.926	-0.041	8.941	-0.057	8.958	-0.061	14.383	-0.001	14.410	0.005	14.432	0.007	14.463	0.001
8.979	-0.049	9.010	-0.033	9.030	-0.013	9.055	0.003	14.490	-0.009	14.517	-0.013	14.540	-0.017	14.561	-0.011
9.067	0.005	9.090	-0.001	9.106	0.003	9.125	0.013	14.586	-0.004	14.623	0.002	14.657	0.002	14.686	0.012
9.146	0.023	9.170	0.025	9.189	0.027	9.209	0.035	14.729	0.010	14.742	0.004	14.763	-0.004	14.789	-0.012
9.233	0.045	9.258	0.057	9.278	0.057	9.299	0.031	14.817	-0.012	14.846	-0.010	14.870	-0.004	14.891	0.004
9.316	0.005	9.331	0.005	9.356	0.013	9.377	0.013	14.911	0.014	14.934	0.020	14.967	0.012	15.004	0.002
9.401	0.007	9.416	0.005	9.442	0.011	9.460	0.005	15.041	-0.010	15.068	-0.020	15.095	-0.030	15.113	-0.036
9.483	-0.015	9.512	-0.029	9.535	-0.021	9.559	-0.005	15.132	-0.042	15.164	-0.033	15.189	-0.031	15.213	-0.027
9.597	0.013	9.623	0.009	9.647	-0.005	9.675	-0.011	15.240	-0.021	15.259	-0.015	15.283	-0.005	15.307	0.007
9.706	-0.013	9.734	-0.001	9.753	0.029	9.784	0.041	15.323	0.015	15.344	0.019	15.367	0.019	15.388	0.009
9.833	0.035	9.854	0.015	9.894	0.001	9.878	-0.003	15.410	-0.003	15.427	-0.013	15.449	-0.017	15.462	-0.019
9.912	0.007	9.946	0.015	9.960	0.013	9.983	0.005	15.479	0.011	15.500	0.009	15.522	0.009	15.542	0.011
10.018	-0.009	10.041	-0.019	10.060	-0.023	10.093	-0.029	15.576	0.009	15.601	0.005	15.636	0.001	15.658	-0.001
10.122	-0.021	10.144	-0.001	10.172	0.009	10.188	-0.003	15.683	0.001	15.716	0.007	15.744	0.011	15.767	0.007
10.212	-0.019	10.232	-0.027	10.248	-0.015	10.285	-0.005	15.790	0.007	15.819	0.009	15.853	0.015	15.887	0.025
10.304	-0.009	10.322	-0.003	10.339	0.005	10.368	0.019	15.927	0.036	15.952	0.038	15.980	0.034	16.014	0.026
10.389	0.017	10.408	0.011	10.435	0.013	10.459	0.017	16.053	0.020	16.088	0.006	16.122	-0.006	16.166	-0.016
10.488	0.021	10.505	0.011	10.523	0.001	10.551	-0.011	16.202	-0.016	16.237	-0.016	16.266	-0.015	16.284	-0.015
10.575	-0.025	10.591	-0.027	10.609	-0.019	10.628	-0.003	16.312	-0.005	16.344	-0.001	16.380	-0.007	16.427	-0.011
10.647	0.009	10.676	0.017	10.706	0.019	10.725	0.017	16.469	-0.007	16.511	-0.005	16.543	-0.005	16.578	-0.004
10.746	0.015	10.762	0.003	10.781	-0.013	10.806	-0.031	16.606	-0.004	16.632	-0.012	16.663	-0.026	16.690	-0.030
10.830	-0.039	10.846	-0.039	10.865	-0.021	10.886	-0.003	16.722	-0.018	16.749	-0.004	16.776	-0.006	16.812	-0.010
10.910	0.015	10.927	0.025	10.949	0.021	10.965	0.019	16.835	0.010	16.870	0.010	16.888	0.004	16.911	0.0
10.978	0.025	11.019	0.027	11.030	0.019	11.046	0.009	16.954	-0.002	17.003	0.004	17.022	0.006	17.048	0.004
11.062	0.017	11.089	-0.009	11.115	-0.011	11.138	-0.015	17.082	0.006	17.112	0.011	17.142	0.011	17.187	0.007
11.169	-0.001	11.177	-0.023	11.189	-0.025	11.208	-0.021	17.216	-0.001	17.235	-0.011	17.259	-0.017	17.284	-0.021
11.227	0.003	11.247	0.017	11.259	0.021	11.277	0.011	17.318	-0.019	17.350	-0.009	17.374	0.005	17.393	0.017
11.304	-0.005	11.337	-0.021	11.352	-0.023	11.368	-0.013	17.419	0.023	17.450	0.023	17.482	0.019	17.521	0.025
11.396	-0.005	11.419	-0.007	11.436	-0.009	11.460	-0.001	17.542	0.028	17.573	0.030	17.617	0.020	17.654	0.016
11.483	0.013	11.500	0.025	11.524	0.033	11.547	0.025	17.693	0.006	17.733	-0.004	17.794	-0.006	17.807	-0.010
11.572	0.021	11.598	0.015	11.628	0.007	11.654	0.003	17.835	-0.016	17.876	-0.016	17.900	-0.020	17.932	-0.024
11.676	-0.005	11.707	-0.011	11.732	-0.015	11.777	-0.017	17.972	-0.016	18.004	-0.012	18.032	-0.014	18.044	-0.016
11.796	-0.017	11.819	-0.005	11.846	-0.003	11.869	-0.007	18.075	-0.004	18.107	0.0	18.131	-0.004	18.139	-0.006
11.880	-0.007	11.913	0.001	11.934	0.003	11.958	-0.011	18.169	0.002	18.203	0.004	18.240	0.002	18.270	0.002
11.991	-0.020	12.012	-0.024	12.049	-0.020	12.073	-0.012	18.294	0.006	18.320	0.008	18.349	0.006	18.384	0.008
12.103	-0.008	12.125	-0.006	12.158	0.002	12.190	0.010	18.426	0.012	18.446	0.010	18.477	0.004	18.495	-0.002
12.216	-0.022	12.237	0.030	12.252	0.030	12.278	0.020	18.528	0.0	18.560	0.0	18.598	-0.004	18.628	-0.008

18.649	-0.008	18.670	-0.004	18.705	-0.008	18.725	-0.004	26.582	0.009	26.623	0.003	26.666	0.001	26.703	0.003
18.757	0.0	18.783	0.004	18.808	0.006	18.836	0.0	26.750	0.007	26.797	0.003	26.846	0.001	26.897	0.001
18.852	-0.006	18.868	0.0	18.893	0.006	18.928	0.014	26.940	0.007	26.978	0.007	27.010	0.003	27.032	0.001
18.953	0.012	18.972	0.008	19.011	0.012	19.052	0.016	27.067	0.007	27.094	0.003	27.135	-0.002	27.169	-0.006
19.091	0.021	19.128	0.003	19.165	0.003	19.211	-0.009	27.221	-0.006	27.250	-0.006	27.295	0.004	27.334	0.008
19.249	-0.015	19.284	-0.007	19.317	-0.003	19.353	0.003	27.366	0.004	27.418	0.006	27.455	0.004	27.483	0.008
19.386	-0.019	19.430	-0.019	19.457	-0.019	19.496	-0.013	27.520	0.003	27.568	-0.001	27.604	-0.005	27.647	-0.005
19.526	-0.005	19.556	0.003	19.589	0.011	19.618	0.025	27.690	-0.009	27.734	-0.013	27.790	-0.003	27.838	0.003
19.654	0.031	19.678	0.029	19.728	0.031	19.756	0.027	27.850	0.003	27.902	-0.005	27.952	-0.007	28.071	-0.003
19.786	0.019	19.809	0.011	19.836	0.001	19.873	-0.003	28.128	0.005	28.147	0.007	28.177	0.012	28.197	0.012
19.901	-0.007	19.930	-0.017	19.951	-0.015	19.978	-0.003	28.229	0.008	28.251	0.004	28.274	0.0	28.305	0.0
20.004	0.005	20.034	0.005	20.074	0.009	20.106	0.013	28.334	0.002	28.359	0.002	28.358	0.002	28.491	0.0
20.143	0.005	20.181	0.005	20.213	0.001	20.245	-0.007	28.517	0.0	28.538	0.0	28.627	0.002	28.670	0.004
20.273	0.009	20.305	-0.007	20.337	-0.003	20.388	-0.001	28.708	0.010	28.745	0.010	28.787	0.006	28.821	0.006
20.435	0.001	20.472	-0.009	20.505	-0.013	20.535	-0.015	28.856	0.004	28.889	0.0	28.910	-0.006	28.942	-0.010
20.567	-0.011	20.606	-0.015	20.638	-0.019	20.669	-0.007	28.975	-0.008	29.004	-0.012	29.025	-0.014	29.057	-0.014
20.700	0.005	20.738	0.011	20.767	0.015	20.792	0.021	29.090	-0.010	29.117	-0.010	29.148	-0.012	29.171	-0.014
20.830	0.027	20.857	0.021	20.885	0.021	20.922	0.025	29.207	-0.012	29.241	-0.010	29.279	-0.006	29.303	-0.004
20.952	0.013	20.981	-0.001	21.007	-0.011	21.037	-0.013	29.338	-0.004	29.364	-0.010	29.399	-0.006	29.443	-0.006
21.081	-0.003	21.124	-0.007	21.164	-0.013	21.201	-0.019	29.471	-0.006	29.495	-0.009	29.534	-0.007	29.566	-0.007
21.238	-0.021	21.273	-0.009	21.309	-0.001	21.352	-0.005	29.604	-0.003	29.644	-0.003	29.675	0.001	29.715	0.001
21.366	-0.005	21.398	-0.003	21.427	0.005	21.457	0.009	29.742	0.005	29.775	0.005	29.795	0.005	29.824	0.005
21.507	0.013	21.542	0.015	21.563	0.011	21.581	0.005	29.860	0.005	29.893	0.009	29.931	0.009	29.961	0.005
21.616	0.001	21.643	0.001	21.673	0.001	21.723	-0.005	29.999	0.001	30.056	0.003	30.077	0.003	30.116	0.005
21.755	-0.013	21.800	-0.007	21.843	-0.005	21.883	-0.003	30.154	0.007	30.186	0.001	30.217	-0.005	30.257	-0.003
21.920	0.005	21.954	0.013	21.988	0.019	22.012	0.025	30.298	0.001	30.334	0.001	30.371	0.001	30.425	0.001
22.044	0.017	22.084	0.015	22.108	0.011	22.143	0.001	30.468	-0.001	30.518	-0.007	30.554	-0.009	30.591	-0.011
22.183	-0.005	22.207	-0.005	22.242	0.003	22.279	0.007	30.625	-0.015	30.649	-0.019	30.695	-0.013	30.732	-0.011
22.318	0.011	22.364	0.009	22.396	0.007	22.435	0.003	30.773	-0.009	30.822	-0.007	30.874	-0.003	30.917	-0.003
22.462	0.001	22.508	0.003	22.539	-0.003	22.556	-0.007	30.958	-0.003	30.995	-0.005	31.043	-0.011	31.081	-0.007
22.587	0.001	22.628	0.007	22.673	0.011	22.699	0.007	31.121	-0.007	31.148	-0.007	31.182	-0.011	31.223	-0.015
22.736	0.001	22.768	-0.003	22.801	0.001	22.825	0.001	31.267	-0.011	31.300	-0.009	31.341	-0.011	31.373	-0.011
22.856	-0.005	22.896	-0.005	22.921	-0.007	22.979	0.003	31.397	-0.007	31.433	-0.005	31.471	-0.007	31.504	-0.011
23.022	-0.003	23.062	0.001	23.098	0.003	23.132	0.003	31.527	-0.011	31.561	-0.005	31.603	0.001	31.634	0.001
23.175	0.005	23.210	0.001	23.249	-0.005	23.279	-0.005	31.666	0.005	31.701	0.007	31.736	0.005	31.777	0.001
23.327	-0.001	23.363	0.013	23.404	0.021	23.441	0.021	31.811	0.003	31.844	0.003	31.882	0.005	31.926	0.007
23.475	0.017	23.507	0.021	23.537	0.021	23.553	0.011	31.964	0.006	32.007	0.004	32.050	0.002	32.081	0.002
23.572	0.007	23.616	0.011	23.648	0.009	23.691	0.003	32.119	-0.004	32.139	-0.008	32.175	-0.008	32.195	-0.008
23.719	-0.003	23.751	-0.007	23.803	-0.013	23.834	-0.013	32.236	-0.004	32.277	0.002	32.304	0.002	32.341	0.002
23.879	-0.013	23.931	-0.019	23.954	-0.023	23.979	-0.025	32.381	0.004	32.420	0.006	32.456	0.0	32.484	0.002
24.010	-0.019	24.041	-0.009	24.087	-0.003	24.118	-0.003	32.534	0.004	32.581	0.004	32.607	0.003	32.637	-0.001
24.160	-0.005	24.193	-0.001	24.230	0.009	24.260	0.009	32.667	-0.005	32.718	-0.009	32.769	-0.009	32.811	-0.011
24.281	0.005	24.330	0.009	24.359	0.003	24.389	-0.007	32.849	-0.011	32.924	-0.011	32.924	-0.007	32.957	-0.007
24.441	-0.004	24.471	-0.002	24.512	0.0	24.550	0.002	33.013	-0.005	33.047	-0.009	33.083	-0.009	33.124	-0.011
24.584	0.002	24.625	0.002	24.655	0.004	24.686	-0.002	33.166	-0.009	33.222	-0.005	33.271	-0.001	33.332	-0.001
24.719	-0.004	24.762	-0.001	24.796	0.007	24.829	0.011	33.377	-0.001	33.415	0.003	33.453	0.002	33.497	0.002
24.850	0.005	24.876	-0.003	24.927	0.011	24.947	0.013	33.529	-0.002	33.573	-0.004	33.624	-0.004	33.676	-0.004
24.988	0.011	25.032	0.010	25.077	0.010	25.120	0.008	33.711	-0.002	33.753	-0.002	33.793	-0.004	33.841	-0.006
25.159	0.008	25.191	0.008	25.216	0.010	25.245	0.002	33.876	-0.002	33.911	0.001	33.948	0.001	33.997	0.001
25.285	-0.001	25.320	-0.001	25.372	-0.001	25.420	-0.001	34.044	-0.001	34.095	-0.003	34.140	-0.005	34.184	-0.003
25.467	0.003	25.520	0.005	25.556	0.009	25.614	0.010	34.242	-0.002	34.287	0.0	34.339	0.004	34.382	-0.006
25.678	0.010	25.718	0.008	25.775	0.0	25.804	0.0	34.432	0.002	34.459	0.001	34.507	-0.001	34.532	-0.003
25.838	0.008	25.876	0.012	25.918	0.006	25.957	0.004	34.734	0.003	34.760	0.001	34.786	0.001	34.813	0.003
26.010	0.006	26.050	0.004	26.101	0.0	26.133	-0.001	34.849	0.008	34.887	0.004	34.919	0.002	34.949	0.002
26.197	0.007	26.256	0.007	26.306	-0.001	26.358	-0.009	34.849	0.008	34.887	0.004	34.919	0.002	34.949	0.002
26.414	-0.011	26.455	-0.007	26.501	-0.001	26.536	0.001	34.982	-0.002	35.009	-0.004	35.047	0.0	35.081	0.001

35.117	-0.003	35.146	-0.007	35.172	-0.009	35.213	-0.007
35.238	-0.007	35.271	-0.013	35.289	-0.015	35.320	-0.011
35.359	-0.005	35.396	-0.005	35.427	0.002	35.460	0.004
35.492	0.002	35.531	0.004	35.572	0.004	35.605	0.002
35.643	-0.002	35.684	0.0	35.728	0.002	35.767	-0.003
35.814	-0.003	35.855	-0.003	35.912	-0.001	35.949	0.001
35.983	-0.003	36.003	-0.003	36.054	-0.001	36.108	0.002
36.156	0.004	36.211	0.006	36.268	0.004	36.320	0.002
36.363	0.0	36.412	-0.004	36.460	-0.003	36.514	-0.005
36.563	-0.007	36.608	-0.003	36.676	-0.003	36.737	-0.001
36.775	-0.003	36.811	-0.001	36.845	-0.001	36.899	-0.003
36.942	0.0	36.994	0.0	37.043	-0.002	37.102	0.006
37.168	0.010	37.217	0.010	37.257	0.011	37.283	0.009
37.301	0.007	37.347	0.009	37.396	0.011	37.423	0.007
37.465	0.003	37.513	0.003	37.548	-0.001	37.580	-0.004
37.621	-0.008	37.666	-0.008	37.701	-0.008	37.734	-0.008
37.792	-0.006	37.841	-0.006	37.883	-0.006	37.939	-0.008
37.986	-0.007	38.041	-0.007	38.079	-0.007	38.122	-0.003
38.178	0.001	38.213	0.005	38.266	0.005	38.307	0.003
38.343	0.005	38.394	0.011	38.439	0.009	38.475	0.010
38.504	0.010	38.541	0.006	38.589	0.002	38.637	0.002
38.691	0.0	38.736	-0.006	38.783	-0.006	38.840	-0.004
38.889	-0.006	38.934	-0.001	38.974	-0.001	39.020	-0.001
39.068	0.001	39.108	-0.001	39.148	-0.003	39.183	-0.005
39.227	-0.005	39.251	-0.006	39.281	-0.008	39.318	-0.002
39.356	0.0	39.398	-0.004	39.449	-0.004	39.484	-0.001
39.528	0.001	39.569	0.001	39.602	-0.001	39.645	0.001
39.686	-0.002	39.712	-0.002	39.739	-0.006	39.779	-0.002
39.829	0.002	39.868	0.001	39.918	0.001	39.955	-0.001
39.989	-0.001	40.041	-0.001	40.089	0.0	40.140	0.002
40.176	0.002	40.215	0.002	40.248	0.0	40.296	-0.001
40.357	-0.003	40.419	-0.005	40.473	-0.005	40.543	-0.006
40.593	-0.006	40.652	-0.006	40.708	-0.006	40.762	-0.001
40.817	0.001	40.848	0.001	40.898	0.001	40.934	0.001
40.979	0.003	41.025	0.004	41.091	0.0	41.151	0.002
41.197	0.002	41.246	0.002	41.301	0.001	41.363	-0.001
41.423	-0.001	41.460	-0.003	41.488	-0.003	41.527	-0.001
41.551	-0.001	41.593	-0.006	41.637	-0.004	41.696	-0.004
41.736	-0.004	41.772	-0.004	41.802	-0.006	41.850	-0.004
41.892	0.0	41.932	0.002	41.968	0.002	42.033	0.002
42.097	0.0	42.131	0.0	42.171	-0.006	42.198	-0.006
42.245	-0.003	42.298	-0.009	42.334	-0.011	42.376	-0.009
42.424	-0.007	42.456	-0.009	42.488	-0.007	42.521	-0.005
42.555	-0.003						

490 POINTS 29.281 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0199 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.029	0.080	-0.044	0.152	-0.034	0.220	-0.028	3.751	-0.024	3.767	-0.014	3.779	-0.009	3.799	-0.004	3.799	-0.004
0.267	-0.058	0.301	-0.038	0.352	-0.008	0.377	0.051	3.814	0.006	3.838	0.006	3.854	0.011	3.874	0.011	3.874	0.011
0.419	0.071	0.436	0.091	0.462	0.061	0.512	0.047	3.850	0.001	3.910	-0.009	3.937	-0.019	3.965	-0.019	3.965	-0.019
0.575	0.047	0.637	0.012	0.679	-0.012	0.704	-0.002	3.985	-0.014	4.005	-0.014	4.029	-0.013	4.053	-0.004	4.053	-0.004
0.746	-0.002	0.779	0.003	0.812	0.008	0.825	-0.006	3.985	-0.003	4.109	-0.008	4.133	-0.023	4.157	-0.004	4.157	-0.004
0.858	-0.011	0.879	-0.006	0.904	0.004	0.929	0.009	4.177	-0.043	4.205	-0.058	4.237	-0.068	4.261	-0.063	4.261	-0.063
0.954	0.004	0.971	-0.011	1.012	-0.030	1.041	-0.040	4.301	-0.058	4.338	-0.043	4.370	-0.043	4.402	-0.057	4.402	-0.057
1.053	0.030	1.078	-0.055	1.102	-0.064	1.123	-0.069	4.442	-0.033	4.470	-0.018	4.486	-0.018	4.518	-0.033	4.518	-0.033
1.139	-0.084	1.156	-0.094	1.172	-0.104	1.184	-0.099	4.542	-0.042	4.573	-0.052	4.605	-0.047	4.641	-0.033	4.641	-0.033
1.201	-0.089	1.205	-0.084	1.221	-0.084	1.233	-0.079	4.669	-0.027	4.701	-0.012	4.736	-0.007	4.768	-0.017	4.768	-0.017
1.254	-0.074	1.266	-0.069	1.283	-0.044	1.291	-0.024	4.808	-0.017	4.844	-0.017	4.864	-0.012	4.884	-0.018	4.884	-0.018
1.315	-0.005	1.328	-0.005	1.348	-0.014	1.365	-0.004	4.907	0.028	4.927	0.038	4.947	0.048	4.967	0.028	4.967	0.028
1.381	-0.014	1.406	-0.024	1.430	-0.024	1.459	-0.034	4.995	0.004	5.027	0.003	5.050	-0.011	5.086	-0.011	5.086	-0.011
1.479	-0.039	1.512	-0.034	1.533	-0.024	1.553	-0.019	5.109	0.004	5.149	0.003	5.184	0.004	5.215	-0.006	5.215	-0.006
1.582	-0.009	1.603	-0.009	1.619	0.006	1.640	0.025	5.259	-0.016	5.322	-0.020	5.393	-0.020	5.511	-0.020	5.511	-0.020
1.665	0.025	1.694	0.015	1.714	0.010	1.743	0.010	5.665	-0.020	5.827	-0.020	5.910	-0.019	5.950	-0.019	5.950	-0.019
1.768	0.010	1.809	0.010	1.834	0.010	1.867	0.015	6.032	-0.014	6.127	-0.014	6.174	-0.019	6.242	-0.024	6.242	-0.024
1.896	0.015	1.925	-0.020	1.945	0.020	1.978	0.024	6.305	-0.024	6.360	-0.024	6.427	-0.011	6.427	-0.011	6.427	-0.011
1.999	0.019	2.028	0.014	2.061	0.004	2.090	-0.001	6.470	-0.021	6.506	0.011	6.537	0.001	6.599	-0.019	6.599	-0.019
2.111	-0.006	2.140	-0.011	2.165	-0.011	2.194	-0.016	6.632	-0.019	6.668	-0.019	6.700	-0.019	6.727	-0.004	6.727	-0.004
2.267	-0.016	2.239	-0.016	2.277	-0.016	2.310	-0.016	6.759	-0.001	6.794	0.001	6.834	0.001	6.854	0.006	6.854	0.006
2.343	-0.016	2.364	-0.026	2.393	-0.036	2.405	-0.041	6.885	0.016	6.905	0.031	6.934	0.036	6.964	0.036	6.964	0.036
2.422	-0.046	2.439	-0.056	2.447	-0.056	2.464	-0.066	6.984	0.026	7.012	0.021	7.040	0.011	7.067	0.001	7.067	0.001
2.480	-0.076	2.497	-0.080	2.521	-0.081	2.542	-0.076	7.095	-0.009	7.123	-0.014	7.159	-0.019	7.206	-0.019	7.206	-0.019
2.562	-0.071	2.587	-0.080	2.603	-0.080	2.619	-0.080	7.266	-0.019	7.325	-0.019	7.393	-0.019	7.472	-0.019	7.472	-0.019
2.652	-0.080	2.672	-0.085	2.705	-0.080	2.717	-0.055	7.516	-0.009	7.567	-0.019	7.626	-0.024	7.697	-0.024	7.697	-0.024
2.725	-0.031	2.742	-0.021	2.754	-0.001	2.766	0.014	7.768	-0.019	7.819	-0.004	7.850	0.001	7.898	0.006	7.898	0.006
2.787	0.039	2.791	0.053	2.803	0.063	2.815	0.054	7.945	0.011	8.036	0.011	8.111	0.001	8.210	0.006	8.210	0.006
2.840	0.049	2.864	0.044	2.880	0.034	2.901	0.029	8.277	0.016	8.325	0.031	8.380	0.046	8.436	0.046	8.436	0.046
2.921	0.019	2.934	0.014	2.946	0.004	2.970	0.004	8.475	-0.031	8.519	0.022	8.568	0.006	8.625	-0.018	8.625	-0.018
2.987	-0.005	3.015	-0.010	3.031	-0.015	3.039	-0.025	8.698	-0.037	8.747	-0.057	8.800	-0.046	8.865	-0.031	8.865	-0.031
3.059	-0.035	3.079	-0.040	3.102	-0.045	3.122	-0.045	8.934	-0.016	9.003	-0.011	9.065	-0.006	9.135	-0.005	9.135	-0.005
3.142	-0.040	3.170	-0.035	3.190	-0.035	3.222	-0.025	9.225	-0.005	9.287	-0.010	9.332	-0.015	9.377	-0.010	9.377	-0.010
3.238	-0.020	3.262	-0.010	3.286	-0.005	3.306	0.0	9.427	0.010	9.447	0.015	9.472	0.025	9.509	0.020	9.509	0.020
3.330	0.005	3.361	0.005	3.381	0.015	3.401	0.020	9.545	0.015	9.578	0.015	9.626	0.015	9.654	0.006	9.654	0.006
3.429	0.025	3.457	0.035	3.477	0.040	3.493	0.030	9.686	-0.004	9.711	-0.014	9.743	-0.024	9.767	-0.029	9.767	-0.029
3.513	0.025	3.537	0.015	3.552	0.006	3.572	-0.004	9.799	-0.029	9.876	-0.019	9.876	-0.009	9.928	-0.004	9.928	-0.004
3.584	-0.014	3.592	-0.024	3.608	-0.034	3.624	-0.049	9.997	0.001	10.064	0.006	10.135	0.011	10.193	0.007	10.193	0.007
3.636	-0.059	3.644	-0.068	3.660	-0.073	3.679	-0.068	10.264	-0.003	10.319	-0.003	10.390	-0.003	10.436	-0.003	10.436	-0.003
3.695	-0.058	3.703	-0.049	3.719	-0.044	3.735	-0.029	10.559	-0.002	10.626	-0.007	10.700	-0.021	10.779	-0.021	10.779	-0.021

10.854	-0.040	10.893	-0.035	10.948	-0.010	10.991	0.010
11.038	0.020	11.093	0.016	11.148	0.011	11.211	0.006
11.286	0.002	11.349	0.002	11.408	0.008	11.463	0.018
11.549	0.018	11.617	0.014	11.680	0.004	11.743	-0.005
11.799	-0.005	11.874	0.005	11.953	0.010	12.025	0.010
12.092	0.010	12.156	0.0	12.223	-0.015	12.299	-0.015
12.366	-0.025	12.406	-0.020	12.457	0.0	12.517	0.004
12.599	0.004	12.677	0.004	12.755	0.004	12.818	0.009
12.881	0.014	12.935	0.023	12.990	0.033	13.049	0.038
13.092	0.028	13.147	0.013	13.205	-0.001	13.292	-0.006
13.370	-0.006	13.464	-0.001	13.550	0.0	13.643	0.0
13.694	-0.005	13.767	-0.015	13.849	-0.014	13.904	-0.009
13.970	-0.004	14.032	0.001	14.098	0.007	14.187	0.012
14.283	0.012	14.357	0.018	14.434	0.008	14.500	0.008
14.570	0.009	14.664	0.009	14.746	0.010	14.793	0.015
14.859	0.020	14.910	0.025	14.977	0.020	15.032	0.010
15.067	0.005	15.123	-0.009	15.170	-0.019	15.222	-0.025
15.249	-0.039	15.281	-0.029	15.341	-0.019	15.392	-0.014
15.443	-0.004	15.495	0.001	15.550	0.006	15.614	0.016
15.669	0.021	15.732	0.022	15.807	0.012	15.886	0.012
15.965	0.012	16.103	0.013	16.185	0.008	16.267	0.003
16.349	0.003	16.443	-0.002	16.545	-0.002	16.664	-0.002
16.746	0.003	16.845	0.008	16.967	0.008	17.055	0.008
17.171	0.008	17.287	0.004	17.404	0.004	17.560	0.005
17.723	0.006	17.866	0.006	17.982	0.007	18.116	0.008
18.258	0.008	18.408	0.014	18.535	0.010	18.690	0.010
18.786	0.010	18.861	0.0	18.933	-0.005	19.029	-0.004
19.132	0.001	19.236	0.006	19.344	0.011	19.467	0.016
19.602	0.016	19.748	0.016	19.870	0.016	19.973	0.011
20.107	0.006	20.245	0.006	20.376	0.006	20.514	0.007
20.640	0.002	20.785	0.002	20.951	0.002	21.140	0.003
21.318	0.009	21.500	0.010	21.713	0.011	21.911	0.007
22.151	0.008	22.387	0.009	22.615	0.010	22.741	0.020
22.858	0.020	23.051	0.016	23.182	0.011	23.320	0.002
23.447	-0.003	23.590	0.008	23.686	0.013	23.851	0.019
24.055	0.010	24.369	0.011	24.757	0.013	25.071	0.014
25.269	0.010	25.575	0.005	25.716	0.005	25.938	0.006
26.097	0.001	26.248	-0.004	26.434	-0.004	26.554	0.001
26.685	0.001	26.884	0.006	26.999	0.011	27.183	0.011
27.324	0.012	27.504	0.002	27.664	0.002	27.888	0.002
28.064	0.003	28.160	0.008	28.235	0.018	28.363	0.019
28.507	0.014	28.700	0.005	28.796	0.005	28.931	0.001
29.080	-0.004	29.281	-0.004				

540 POINTS 28.695 SECCNDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ADORRECTION, IS 0.0153 G/10.

TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.007	0.110	-0.017	0.178	-0.033	0.246	-0.043	3.414	0.003	3.446	-0.007	3.477	-0.007	3.497	-0.002
0.284	-0.033	0.305	-0.002	0.339	0.003	0.369	0.008	3.525	-0.007	3.545	-0.017	3.565	-0.022	3.588	-0.027
0.402	0.008	0.431	0.008	0.469	0.019	0.490	0.003	3.612	-0.033	3.632	-0.043	3.652	-0.053	3.672	-0.058
0.544	-0.002	0.590	-0.002	0.615	-0.007	0.652	-0.007	3.684	-0.064	3.704	-0.058	3.727	-0.048	3.747	-0.043
0.673	0.003	0.698	0.008	0.715	0.014	0.735	0.024	3.767	-0.043	3.783	-0.043	3.811	-0.037	3.831	-0.032
0.744	0.039	0.769	0.074	0.790	0.050	0.806	0.050	3.846	-0.022	3.858	-0.011	3.874	-0.001	3.898	0.004
0.831	0.050	0.852	0.039	0.881	0.034	0.906	0.023	3.918	0.004	3.934	0.010	3.954	0.005	3.978	0.005
0.930	0.013	0.959	0.008	0.980	-0.003	0.996	-0.008	4.006	-0.001	4.030	-0.006	4.042	0.005	4.054	0.015
1.012	-0.018	1.033	-0.024	1.049	-0.024	1.066	-0.013	4.087	0.021	4.115	0.010	4.135	0.005	4.151	-0.010
1.086	-0.008	1.102	-0.003	1.123	0.002	1.143	0.007	4.163	-0.026	4.183	-0.020	4.203	-0.020	4.219	-0.010
1.152	0.007	1.172	0.023	1.189	0.023	1.201	0.023	4.235	-0.005	4.255	-0.005	4.279	0.001	4.295	0.006
1.225	0.017	1.254	0.007	1.283	0.007	1.299	0.001	4.315	0.006	4.343	0.011	4.379	0.012	4.423	0.012
1.328	-0.004	1.348	-0.009	1.377	-0.020	1.394	-0.030	4.467	0.007	4.502	0.007	4.530	0.012	4.550	0.018
1.410	-0.041	1.427	-0.051	1.443	-0.046	1.464	-0.041	4.574	0.023	4.610	0.018	4.630	0.007	4.649	-0.003
1.484	-0.036	1.497	-0.020	1.513	-0.015	1.530	-0.010	4.677	0.008	4.713	0.008	4.733	0.013	4.753	0.018
1.546	-0.005	1.563	0.0	1.587	0.0	1.604	0.005	4.769	0.008	4.789	0.003	4.809	-0.008	4.836	-0.008
1.620	0.010	1.637	0.015	1.653	0.015	1.678	0.004	4.872	-0.008	4.904	-0.008	4.939	-0.007	4.967	-0.007
1.707	-0.001	1.723	-0.001	1.744	-0.011	1.761	-0.022	4.990	-0.002	5.006	0.008	5.026	0.008	5.042	-0.002
1.773	-0.032	1.785	-0.032	1.806	-0.027	1.822	-0.022	5.057	-0.012	5.077	-0.023	5.101	-0.038	5.120	-0.048
1.839	-0.017	1.851	-0.012	1.876	-0.017	1.901	-0.022	5.148	-0.054	5.168	-0.048	5.195	-0.048	5.230	-0.048
1.917	-0.033	1.938	-0.033	1.971	-0.033	1.992	-0.038	5.262	-0.053	5.278	-0.058	5.297	-0.058	5.325	-0.058
2.009	-0.043	2.025	-0.049	2.042	-0.049	2.059	-0.049	5.360	-0.063	5.388	-0.058	5.408	-0.053	5.431	-0.042
2.079	-0.054	2.100	-0.049	2.121	-0.043	2.133	-0.043	5.451	-0.032	5.467	-0.022	5.487	-0.027	5.514	-0.027
2.150	-0.033	2.166	-0.033	2.187	-0.028	2.208	-0.023	5.534	-0.032	5.562	-0.032	5.586	-0.027	5.605	-0.016
2.225	-0.017	2.241	-0.017	2.258	-0.012	2.283	-0.002	5.621	-0.006	5.641	0.0	5.653	0.005	5.661	0.010
2.295	0.003	2.308	0.014	2.324	0.024	2.341	0.029	5.680	0.020	5.700	0.031	5.728	0.020	5.764	0.015
2.370	0.024	2.403	0.019	2.427	0.014	2.447	0.008	5.787	0.015	5.819	0.016	5.847	0.021	5.878	0.021
2.468	0.003	2.484	-0.012	2.505	-0.012	2.525	-0.007	5.914	0.016	5.941	0.016	5.969	0.016	5.993	0.011
2.550	-0.007	2.570	-0.007	2.586	-0.007	2.611	-0.012	6.016	-0.006	6.032	-0.005	6.048	-0.015	6.071	-0.020
2.631	-0.007	2.647	-0.002	2.664	-0.004	2.680	0.019	6.095	-0.015	6.123	-0.010	6.135	-0.005	6.158	0.006
2.701	0.024	2.721	0.034	2.745	0.040	2.774	0.040	6.178	0.016	6.190	0.021	6.209	0.021	6.245	0.016
2.807	0.045	2.831	0.045	2.847	0.034	2.864	0.029	6.269	0.011	6.292	0.005	6.312	-0.005	6.336	0.0
2.876	0.019	2.892	0.008	2.908	-0.002	2.924	-0.012	6.363	0.0	6.383	0.005	6.411	0.005	6.430	0.0
2.936	-0.017	2.944	-0.028	2.960	-0.028	2.976	-0.028	6.458	-0.011	6.490	-0.021	6.498	-0.031	6.529	-0.042
3.004	-0.023	3.024	-0.023	3.047	-0.017	3.067	-0.023	6.561	-0.042	6.589	-0.042	6.608	-0.042	6.652	-0.042
3.083	-0.023	3.103	-0.023	3.127	-0.028	3.143	-0.033	6.672	-0.032	6.687	-0.026	6.703	-0.021	6.731	-0.021
3.167	-0.033	3.175	-0.038	3.195	-0.043	3.207	-0.038	6.759	-0.032	6.782	-0.037	6.806	-0.047	6.830	-0.037
3.234	-0.033	3.223	-0.033	3.263	-0.017	3.275	-0.007	6.853	-0.032	6.869	-0.021	6.885	-0.011	6.905	-0.006
3.294	-0.002	3.314	0.003	3.322	0.019	3.334	0.029	6.921	0.005	6.941	0.015	6.953	0.025	6.980	0.015
3.350	0.024	3.358	0.019	3.382	0.019	3.402	0.008	7.008	0.005	7.032	-0.001	7.048	-0.016	7.083	0.0

7.115	0.0	7.139	0.0	7.159	0.0	7.199	0.0
7.222	-0.010	7.262	-0.010	7.298	0.001	7.337	0.006
7.361	0.022	7.393	0.017	7.440	0.007	7.472	0.017
7.523	0.012	7.554	0.007	7.602	-0.003	7.653	-0.013
7.688	0.002	7.728	0.013	7.783	0.023	7.822	0.024
7.857	0.003	7.889	-0.007	7.944	-0.012	7.996	-0.007
8.059	-0.007	8.103	-0.017	8.154	-0.017	8.190	-0.007
8.245	-0.008	8.289	0.003	8.333	-0.007	8.405	-0.007
8.453	-0.007	8.494	-0.012	8.539	-0.027	8.587	-0.037
8.636	-0.032	8.693	-0.026	8.750	-0.026	8.795	-0.015
8.831	-0.010	8.868	-0.004	8.913	0.001	8.958	0.007
8.999	0.012	9.057	0.007	9.098	0.002	9.164	-0.003
9.234	-0.002	9.288	-0.002	9.320	0.008	9.341	0.024
9.374	0.034	9.406	0.045	9.439	0.029	9.491	0.014
9.535	0.014	9.596	0.009	9.644	-0.001	9.681	-0.011
9.709	-0.022	9.741	-0.027	9.765	-0.032	9.806	-0.037
9.850	-0.032	9.890	-0.021	9.929	-0.016	10.004	-0.015
10.063	-0.020	10.090	-0.015	10.157	-0.014	10.208	-0.009
10.279	-0.008	10.342	-0.003	10.393	-0.003	10.448	0.003
10.515	0.003	10.621	0.003	10.735	0.004	10.813	0.004
10.872	0.009	10.939	0.015	10.990	0.015	11.041	0.005
11.088	0.0	11.147	0.001	11.214	-0.004	11.297	-0.003
11.411	-0.003	11.494	-0.003	11.553	-0.008	11.589	-0.013
11.641	-0.018	11.704	-0.023	11.783	-0.023	11.846	-0.012
11.910	-0.012	11.977	-0.007	12.049	-0.002	12.112	-0.002
12.188	-0.002	12.255	0.003	12.323	0.008	12.382	0.008
12.433	0.008	12.468	0.019	12.503	0.008	12.543	0.003
12.609	-0.002	12.656	-0.002	12.715	-0.002	12.789	-0.012
12.871	-0.012	12.965	-0.012	13.040	-0.012	13.153	-0.007
13.286	-0.001	13.415	-0.006	13.540	0.0	13.633	0.0
13.730	0.012	13.866	0.012	13.975	0.013	14.099	0.008
14.184	-0.002	14.265	-0.007	14.350	-0.002	14.424	-0.002
14.537	0.003	14.670	0.004	14.740	0.004	14.780	0.004
14.826	0.004	14.889	0.010	14.960	0.005	15.016	0.0
15.083	-0.005	15.131	-0.010	15.194	-0.015	15.257	-0.009
15.317	-0.004	15.368	0.007	15.431	0.007	15.483	0.012
15.586	0.008	15.677	0.008	15.744	0.003	15.827	0.003
15.925	-0.002	16.023	-0.002	16.136	-0.002	16.219	-0.007
16.387	-0.007	16.549	-0.002	16.655	-0.002	16.734	-0.002
16.856	0.003	16.988	0.004	17.149	0.004	17.265	0.005
17.397	0.006	17.556	0.007	17.708	0.008	17.887	0.008
18.076	0.004	18.187	0.004	18.289	0.005	18.360	0.0
18.452	0.006	18.527	0.012	18.699	0.012	18.826	0.013
18.918	0.008	19.045	0.008	19.201	0.008	19.356	0.008
19.566	0.008	19.823	0.008	19.870	-0.002	19.981	-0.012
20.064	-0.007	20.178	-0.002	20.280	0.003	20.383	0.008
20.474	0.014	20.568	0.019	20.643	0.014	20.741	0.008
20.844	-0.002	20.962	-0.012	21.120	-0.007	21.310	-0.007
21.515	-0.002	21.753	-0.002	21.985	-0.001	22.268	0.0
22.508	0.002	22.724	0.009	22.992	0.010	23.201	0.006
23.367	0.001	23.523	0.001	23.784	0.002	24.091	0.003
24.468	0.005	24.753	0.006	25.081	0.007	25.352	0.008
25.646	0.009	25.839	0.010	26.109	0.011	26.439	0.012
26.793	0.014	27.169	0.015	27.493	0.011	27.801	0.012
28.117	0.013	28.284	0.014	28.506	0.014	28.695	0.014

67.008. 12/18/67 0925PST BETHLEHEM BLDG., 12TH FL., SAN FRANCISCO, CAL. UP

770 POINTS 29.125 SECONDS

SCALED DATA, WITH THE DIGITIZED FIXED TRACE SMOOTHED AND SUBTRACTED, THE TIMING MARKS SMOOTHED BEFORE USE, AND A HORIZONTAL ZERO LINE FIXED FOR ZERO MEAN VALUE, WHICH SIMULTANEOUSLY MINIMIZES THE RMS ACCELERATION.

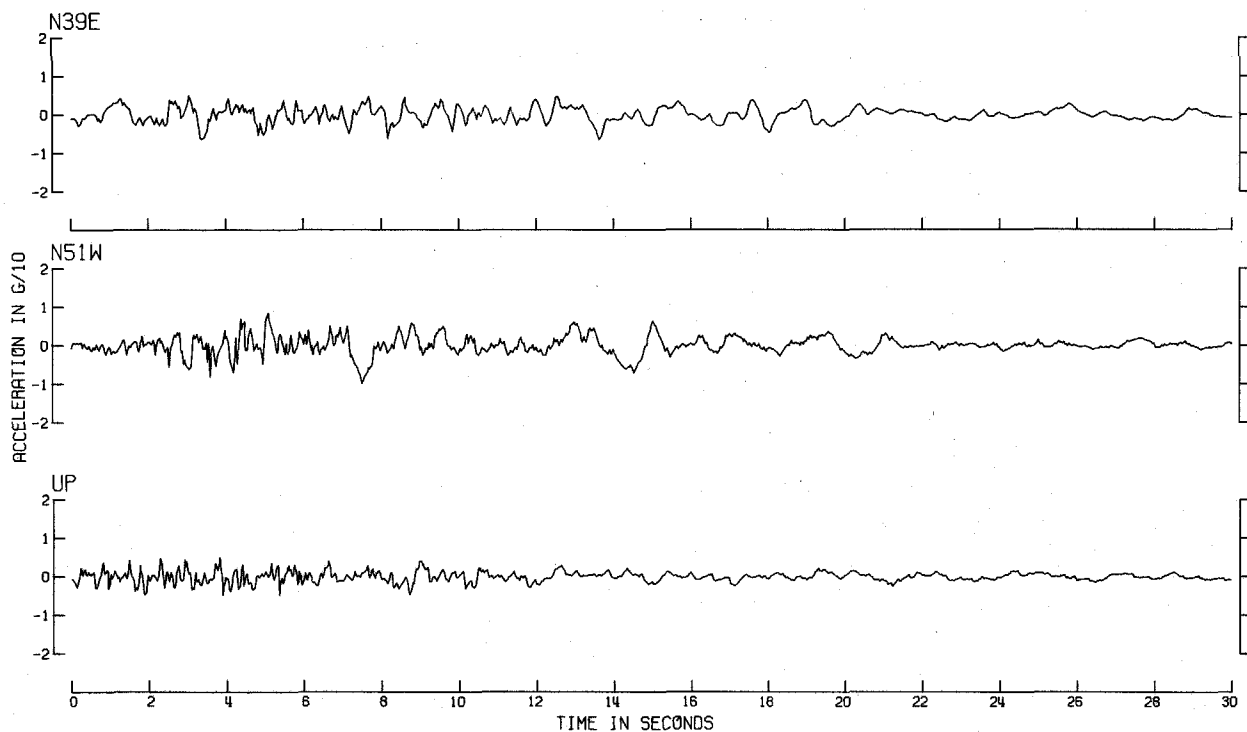
UNITS ARE SEC, G/10.

THE RMS ACCELERATION OF THIS COMPLETE RECORD, MINIMIZED IN THE ABOVE ALIGNMENT ACCRETION, IS 0.0145 G/10.

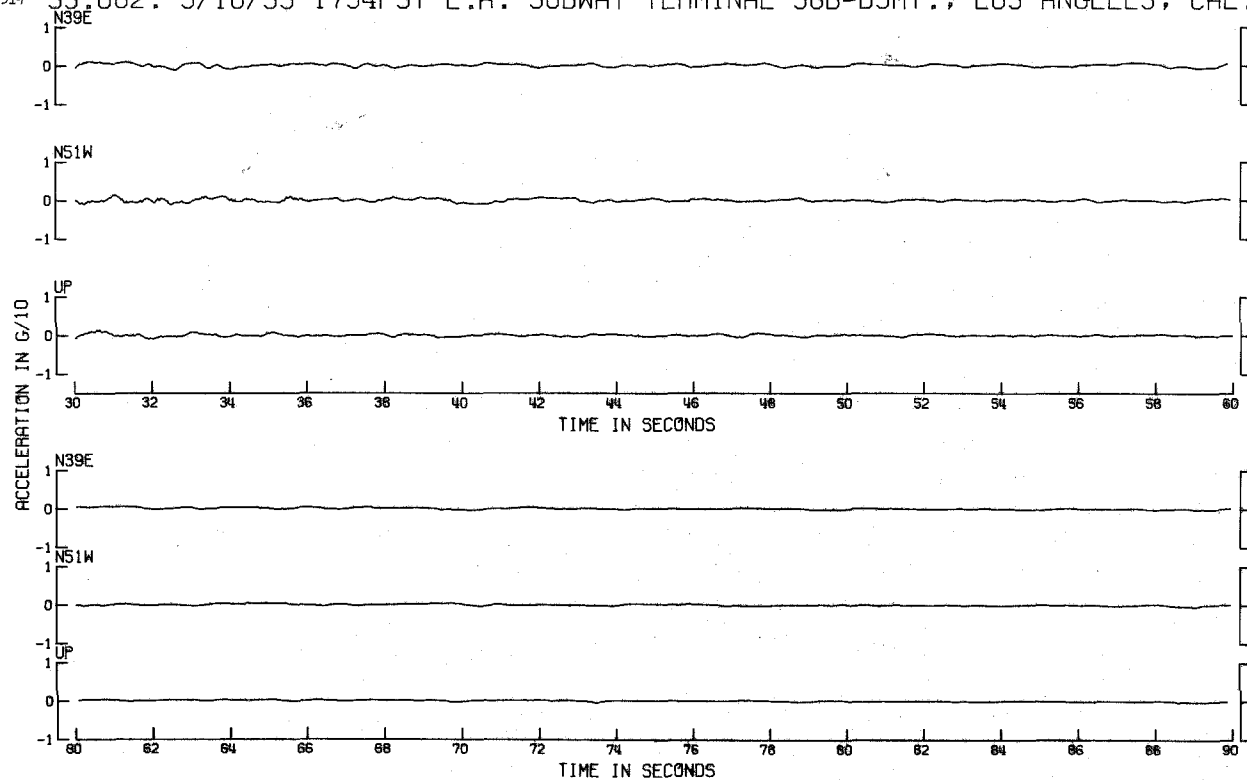
TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN	TIME	ACCLN
0.0	-0.014	0.062	-0.009	0.112	-0.009	0.151	-0.009	4.263	0.014	4.287	0.020	4.307	0.020	4.319	0.008
0.180	-0.009	0.201	-0.009	0.235	-0.009	0.256	0.003	4.371	-0.009	4.403	0.003	4.463	0.020	4.483	0.020
0.282	0.008	0.312	0.020	0.337	0.025	0.362	0.036	4.507	-0.003	4.532	-0.014	4.548	-0.026	4.579	0.003
0.375	0.042	0.392	0.025	0.405	0.008	0.422	-0.014	4.623	0.020	4.651	0.020	4.667	0.020	4.691	0.003
0.430	-0.031	0.447	-0.003	0.464	0.020	0.485	0.042	4.723	0.008	4.746	0.025	4.790	0.053	4.810	0.025
0.458	0.059	0.515	0.031	0.523	0.003	0.536	-0.014	4.822	0.003	4.850	-0.020	4.862	-0.037	4.921	-0.003
0.549	-0.037	0.557	-0.059	0.561	-0.093	0.570	-0.110	4.953	0.008	4.989	0.014	5.021	0.014	5.053	0.014
0.586	-0.093	0.599	-0.076	0.611	-0.054	0.620	-0.014	5.080	0.014	5.112	0.020	5.151	0.003	5.183	-0.009
0.628	0.014	0.636	0.025	0.657	-0.003	0.682	-0.020	5.210	0.003	5.246	0.020	5.289	0.019	5.328	-0.003
0.695	-0.054	0.699	-0.059	0.724	-0.003	0.749	0.036	5.352	-0.009	5.383	-0.015	5.411	-0.021	5.435	-0.021
0.786	0.082	0.807	0.048	0.824	0.014	0.849	-0.014	5.458	-0.026	5.490	-0.021	5.541	-0.004	5.569	0.007
0.866	-0.048	0.907	-0.009	0.932	0.025	0.936	0.031	5.616	0.007	5.663	0.018	5.703	0.023	5.731	0.023
0.961	-0.003	0.982	-0.031	1.020	-0.059	1.045	-0.014	5.762	0.006	5.782	-0.017	5.806	-0.046	5.825	-0.046
1.1074	0.008	1.107	0.042	1.127	0.076	1.156	0.031	5.873	-0.024	5.908	-0.002	5.932	-0.014	5.972	-0.014
1.184	0.014	1.197	-0.003	1.230	0.025	1.258	0.031	6.011	0.009	6.051	0.036	6.082	0.048	6.106	0.020
1.195	0.036	1.307	0.020	1.336	0.014	1.361	0.008	6.141	-0.003	6.177	-0.009	6.216	-0.020	6.256	-0.026
1.381	0.020	1.414	0.031	1.447	0.036	1.475	0.031	6.287	-0.037	6.327	-0.031	6.362	0.003	6.406	0.025
1.500	0.025	1.521	0.020	1.549	0.008	1.574	-0.003	6.449	0.025	6.477	-0.025	6.508	-0.025	6.520	0.025
1.594	-0.014	1.623	-0.014	1.652	-0.014	1.673	-0.014	6.548	0.008	6.583	-0.020	6.615	-0.031	6.643	-0.042
1.726	-0.014	1.772	-0.009	1.809	0.003	1.821	0.014	6.666	-0.037	6.722	-0.020	6.761	-0.003	6.781	0.008
1.858	0.025	1.887	0.031	1.912	0.042	1.941	0.048	6.809	0.025	6.876	0.048	6.876	0.048	6.896	0.025
1.962	0.025	1.990	0.014	2.003	0.003	2.040	-0.003	6.927	0.003	6.975	-0.009	7.014	-0.009	7.046	-0.020
2.069	-0.020	2.094	-0.031	2.119	-0.048	2.131	-0.048	7.062	-0.031	7.093	-0.037	7.125	-0.031	7.157	-0.003
2.276	0.042	2.189	-0.009	2.222	0.008	2.254	0.031	7.200	0.020	7.244	0.020	7.260	0.020	7.308	0.031
2.421	0.003	2.305	0.048	2.351	0.031	2.384	0.014	7.339	0.031	7.379	0.003	7.407	-0.014	7.458	-0.031
2.656	-0.014	2.455	-0.014	2.488	-0.031	2.504	-0.054	7.498	-0.020	7.534	-0.020	7.562	-0.009	7.597	-0.003
2.771	0.025	2.567	0.025	2.599	0.065	2.628	0.031	7.629	0.014	7.664	0.025	7.707	0.031	7.739	0.020
		2.681	-0.009	2.714	0.036	2.746	0.059	7.755	0.014	7.782	0.003	7.818	-0.008	7.841	-0.025
		2.787	0.003	2.803	-0.026	2.832	-0.059	7.853	-0.030	7.877	-0.036	7.940	-0.019	7.971	-0.007
		2.893	-0.031	2.930	-0.014	2.975	0.008	8.006	0.010	8.038	0.022	8.070	0.028	8.121	0.011
		3.061	0.042	3.092	0.020	3.128	0.014	8.137	0.0	8.176	-0.022	8.216	-0.021	8.244	-0.021
		3.196	0.042	3.220	0.048	3.252	0.025	8.264	-0.010	8.287	-0.010	8.307	-0.004	8.327	-0.004
		3.320	0.003	3.359	0.008	3.395	0.014	8.355	0.013	8.390	0.025	8.426	0.031	8.438	0.019
		3.463	-0.014	3.475	-0.020	3.511	-0.009	8.462	0.008	8.485	-0.003	8.493	-0.009	8.549	0.003
		3.582	0.020	3.622	0.031	3.654	0.031	8.573	0.003	8.597	0.014	8.621	-0.026	8.654	-0.014
		3.705	0.031	3.737	0.042	3.789	0.031	8.695	0.003	8.727	0.020	8.756	0.020	8.792	0.020
		3.828	0.003	3.856	-0.014	3.879	-0.026	8.817	0.020	8.853	0.014	8.890	0.008	8.926	0.003
		3.932	-0.026	3.959	-0.009	3.995	0.003	8.951	-0.009	8.967	-0.014	9.024	0.008	9.052	0.014
		4.051	-0.026	4.079	-0.003	4.107	0.025	9.093	0.003	9.172	0.003	9.172	0.003	9.213	0.008
		4.171	0.025	4.203	0.014	4.231	-0.003	9.250	0.008	9.283	-0.008	9.324	0.008	9.357	0.014

9.394	-0.009	9.414	-0.026	9.439	-0.026	9.468	-0.014	18.111	-0.001	18.150	0.005	18.186	0.010	18.217	0.010
9.546	-0.003	9.591	0.003	9.619	0.014	9.667	0.025	18.261	0.010	18.288	0.004	18.340	-0.002	18.375	-0.008
9.692	-0.014	9.724	0.003	9.748	-0.003	9.780	-0.003	18.415	-0.008	18.446	-0.008	18.470	-0.008	18.505	-0.002
9.825	-0.003	9.853	-0.009	9.881	-0.014	9.929	-0.014	18.553	-0.003	18.588	0.003	18.608	0.003	18.640	-0.003
9.966	0.003	9.998	0.003	10.010	0.003	10.026	0.003	18.658	-0.003	18.692	0.003	18.716	0.008	18.740	0.008
10.054	0.003	10.074	0.003	10.106	0.003	10.125	0.003	18.764	0.003	18.784	0.003	18.816	0.003	18.851	0.003
10.149	0.003	10.169	0.003	10.216	0.003	10.259	0.003	18.883	0.003	18.923	0.003	18.963	0.003	18.975	0.003
10.275	0.003	10.298	0.003	10.338	0.003	10.357	0.003	18.987	0.003	19.071	0.003	19.071	0.003	19.098	-0.003
10.377	-0.003	10.412	-0.003	10.463	0.003	10.495	-0.003	19.134	-0.003	19.166	-0.003	19.210	-0.003	19.246	-0.003
10.542	-0.014	10.593	0.003	10.621	0.003	10.648	-0.014	19.278	-0.003	19.306	-0.003	19.345	-0.003	19.369	-0.003
10.672	-0.020	10.738	-0.003	10.762	0.003	10.805	0.003	19.401	-0.003	19.457	-0.003	19.481	-0.003	19.501	-0.003
10.841	-0.003	10.860	-0.003	10.880	-0.003	10.907	0.003	19.533	-0.003	19.592	-0.003	19.671	-0.003	19.719	-0.003
10.931	0.008	10.943	0.008	10.974	0.008	11.013	0.003	19.750	-0.003	19.786	-0.003	19.829	-0.003	19.865	-0.003
11.041	-0.003	11.065	-0.014	11.096	-0.020	11.123	-0.026	19.889	-0.003	19.920	-0.003	19.948	-0.003	19.987	-0.003
11.159	-0.026	11.194	-0.014	11.226	-0.009	11.261	0.008	20.031	-0.003	20.055	-0.003	20.086	-0.003	20.118	-0.003
11.285	0.008	11.308	0.020	11.332	0.020	11.379	0.008	20.149	-0.003	20.193	-0.003	20.232	-0.003	20.272	-0.003
11.426	0.003	11.450	0.003	11.473	-0.009	11.516	-0.020	20.307	-0.009	20.347	-0.009	20.386	-0.009	20.425	-0.009
11.564	-0.026	11.603	-0.020	11.651	0.003	11.694	-0.003	20.469	-0.009	20.508	-0.008	20.544	-0.008	20.579	-0.008
11.742	-0.014	11.789	-0.003	11.821	0.003	11.865	0.003	20.623	-0.008	20.666	-0.008	20.697	-0.008	20.729	-0.008
11.896	0.003	11.936	0.003	11.968	0.003	12.027	0.003	20.776	-0.008	20.804	-0.008	20.816	-0.008	20.827	-0.008
12.059	0.003	12.086	0.003	12.106	0.003	12.150	0.004	20.843	-0.008	20.859	-0.007	20.886	-0.007	20.894	-0.007
12.190	0.004	12.249	0.004	12.301	0.004	12.376	0.005	20.914	-0.007	20.953	-0.007	21.001	-0.018	21.060	-0.012
12.408	0.005	12.471	-0.006	12.547	0.001	12.594	0.001	21.083	-0.012	21.127	-0.012	21.154	-0.011	21.186	-0.011
12.649	0.002	12.692	0.002	12.743	0.003	12.805	-0.002	21.194	-0.011	21.206	-0.011	21.218	-0.011	21.257	-0.011
12.876	-0.001	12.923	-0.001	12.958	0.0	13.005	0.0	21.301	-0.010	21.332	-0.010	21.380	-0.010	21.447	-0.010
13.052	0.001	13.083	0.001	13.111	0.002	13.126	0.001	21.494	-0.010	21.569	-0.009	21.597	-0.009	21.629	-0.009
13.173	-0.004	13.228	-0.010	13.291	0.002	13.334	0.007	21.672	-0.009	21.739	-0.009	21.807	-0.008	21.870	-0.008
13.377	0.008	13.408	0.002	13.451	0.002	13.490	0.002	21.937	-0.008	21.981	-0.019	22.032	-0.014	22.075	-0.008
13.537	-0.009	13.568	-0.009	13.556	-0.003	13.619	0.003	22.119	-0.008	22.158	-0.002	22.197	-0.002	22.236	-0.002
13.662	0.008	13.728	0.008	13.771	0.008	13.817	0.008	22.295	-0.002	22.358	-0.007	22.405	-0.012	22.449	-0.007
13.864	0.008	13.911	0.003	13.958	-0.003	13.989	-0.003	22.504	-0.006	22.547	-0.006	22.578	0.0	22.614	0.0
14.020	-0.003	14.086	-0.003	14.140	-0.003	14.183	-0.003	22.661	0.0	22.708	-0.005	22.779	-0.005	22.838	-0.010
14.237	-0.003	14.287	-0.003	14.345	-0.003	14.407	-0.003	22.889	-0.004	22.932	-0.004	22.991	-0.004	23.054	-0.003
14.449	-0.003	14.511	-0.009	14.562	-0.009	14.597	-0.009	23.109	-0.003	23.172	-0.003	23.243	-0.002	23.299	-0.002
14.620	-0.003	14.636	-0.003	14.659	-0.003	14.675	-0.003	23.354	-0.001	23.402	-0.001	23.477	-0.001	23.556	0.0
14.706	-0.003	14.761	-0.002	14.796	-0.002	14.839	-0.008	23.624	0.0	23.700	0.0	23.776	0.001	23.860	0.001
14.866	-0.008	14.890	-0.008	14.925	-0.008	14.952	-0.008	23.924	0.001	24.024	0.002	24.065	0.002	24.152	0.002
14.999	-0.007	15.089	-0.007	15.157	-0.007	15.200	-0.007	24.224	0.002	24.307	0.002	24.359	0.003	24.450	0.003
15.240	-0.007	15.271	-0.007	15.327	-0.006	15.371	-0.006	24.482	0.003	24.522	0.003	24.562	0.003	24.605	0.003
15.410	-0.005	15.454	0.001	15.489	0.001	15.505	-0.004	24.645	0.003	24.684	0.003	24.720	0.003	24.755	0.003
15.572	-0.004	15.616	-0.003	15.659	-0.008	15.679	-0.008	24.811	0.003	24.866	0.003	24.937	0.003	24.977	0.003
15.727	-0.008	15.794	-0.007	15.837	-0.001	15.885	0.0	25.036	0.004	25.104	0.004	25.169	0.004	25.241	0.005
15.932	0.0	15.980	0.001	16.023	0.001	16.078	-0.004	25.306	0.005	25.391	0.006	25.476	0.006	25.536	0.006
16.133	-0.004	16.172	0.002	16.227	0.002	16.286	0.003	25.589	0.007	25.649	0.007	25.701	0.007	25.794	0.007
16.337	0.003	16.364	0.003	16.407	0.003	16.434	0.003	25.878	0.007	25.927	0.008	25.987	0.008	26.075	-0.003
16.493	0.003	16.532	-0.003	16.548	-0.003	16.607	-0.003	26.123	-0.009	26.214	-0.003	26.290	-0.003	26.341	-0.003
16.666	-0.003	16.706	-0.003	16.733	-0.003	16.769	-0.003	26.409	-0.003	26.488	-0.003	26.575	-0.003	26.671	-0.003
16.808	-0.003	16.840	-0.003	16.867	-0.003	16.903	-0.003	26.758	-0.003	26.818	-0.003	26.862	-0.003	26.933	-0.003
16.923	-0.003	16.950	-0.003	16.990	-0.003	17.025	-0.003	26.985	-0.003	27.053	-0.003	27.157	-0.003	27.265	-0.002
17.053	-0.003	17.085	-0.003	17.113	-0.003	17.157	-0.003	27.357	-0.003	27.417	0.003	27.489	-0.002	27.566	-0.002
17.185	-0.003	17.217	-0.003	17.241	-0.003	17.289	-0.002	27.634	-0.002	27.726	-0.001	27.822	0.0	27.886	0.0
17.341	0.004	17.385	0.004	17.433	-0.002	17.485	-0.001	27.934	0.0	27.954	0.0	28.002	0.001	28.066	0.001
17.542	0.0	17.577	0.001	17.637	0.002	17.685	0.003	28.105	0.001	28.137	0.001	28.177	0.001	28.241	0.001
17.741	0.003	17.789	0.004	17.829	0.004	17.880	-0.001	28.289	0.002	28.381	0.002	28.461	0.002	28.537	0.003
17.916	-0.006	17.940	-0.006	17.972	-0.006	17.980	-0.001	28.611	0.003	28.674	0.003	28.728	0.003	28.774	0.003
18.028	-0.006	18.060	-0.006	18.075	-0.006	18.091	-0.006	28.804	0.003	28.858	0.003	28.913	0.003	28.971	0.003
								29.030	0.003	29.125	0.003				

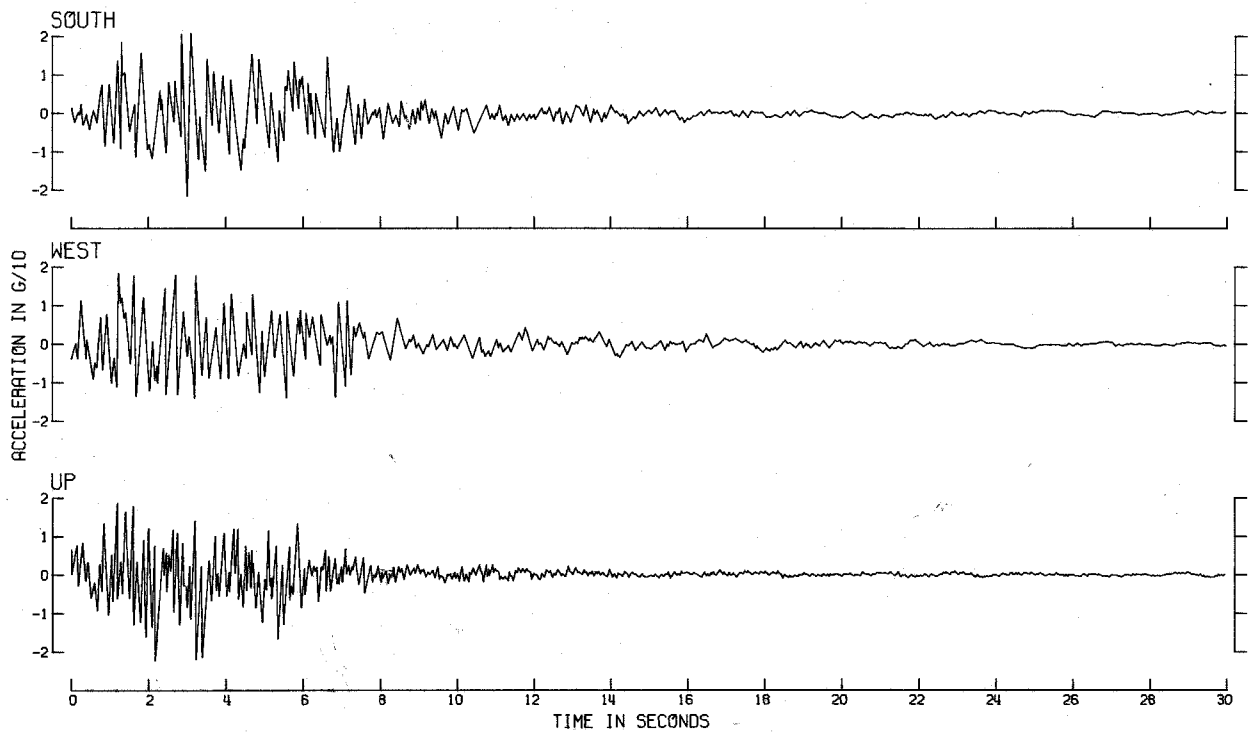
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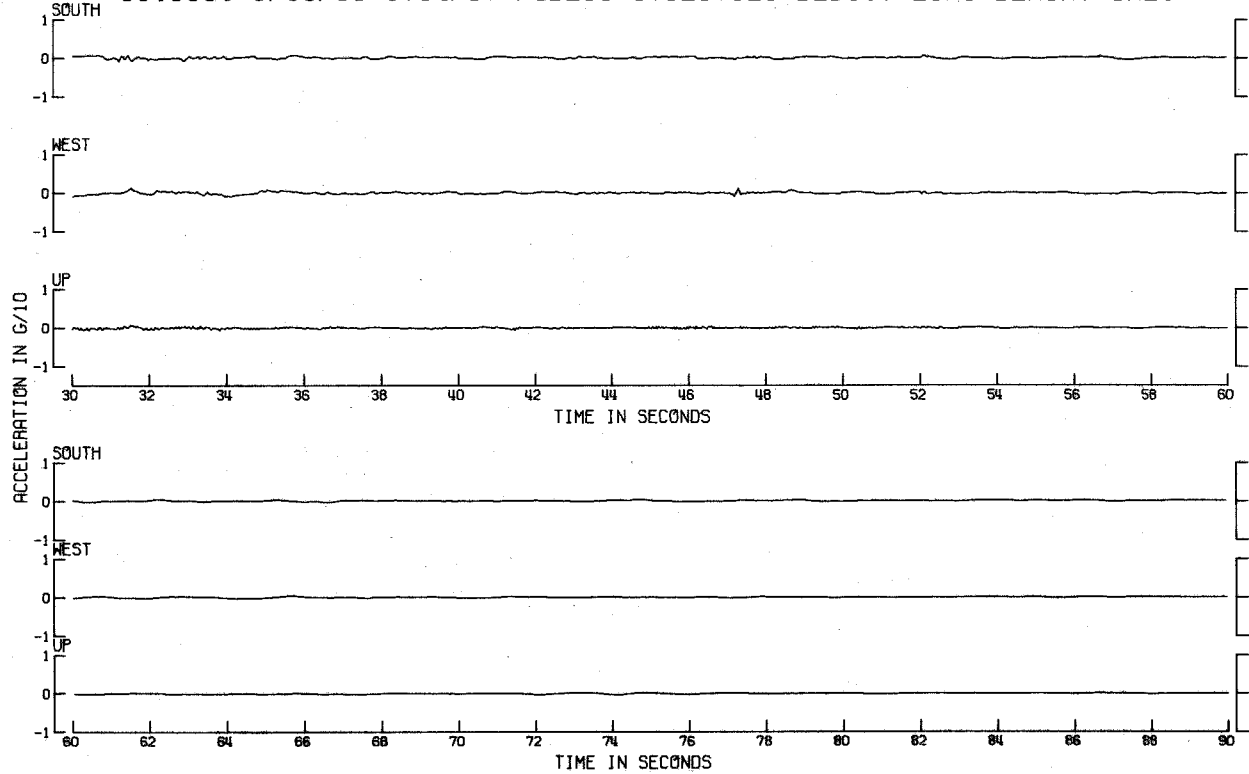
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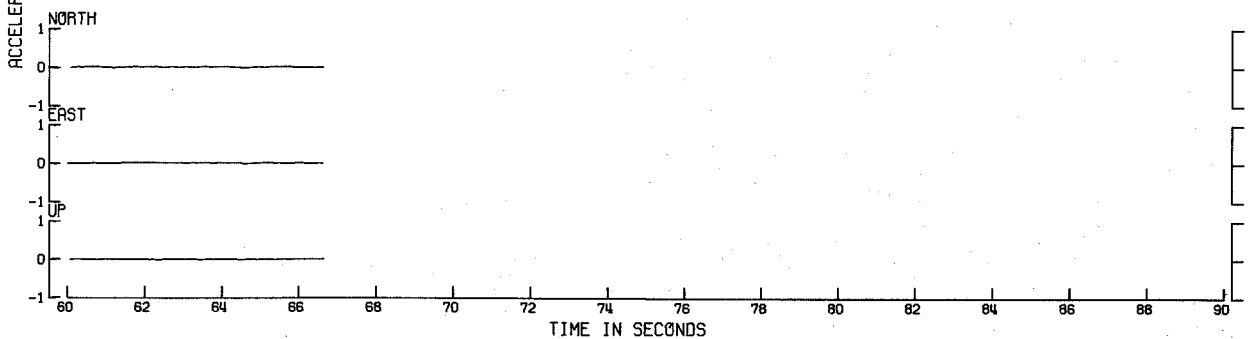
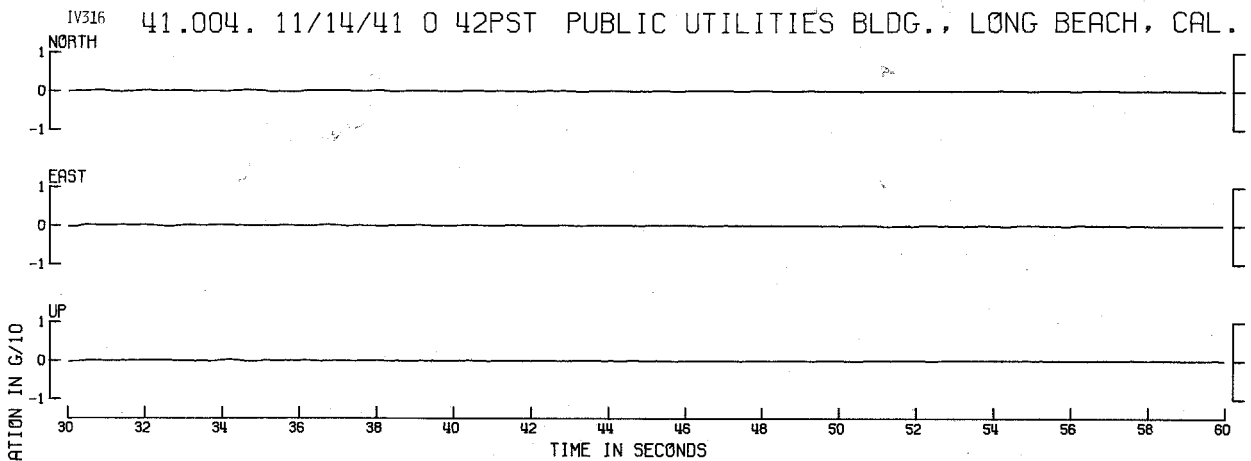
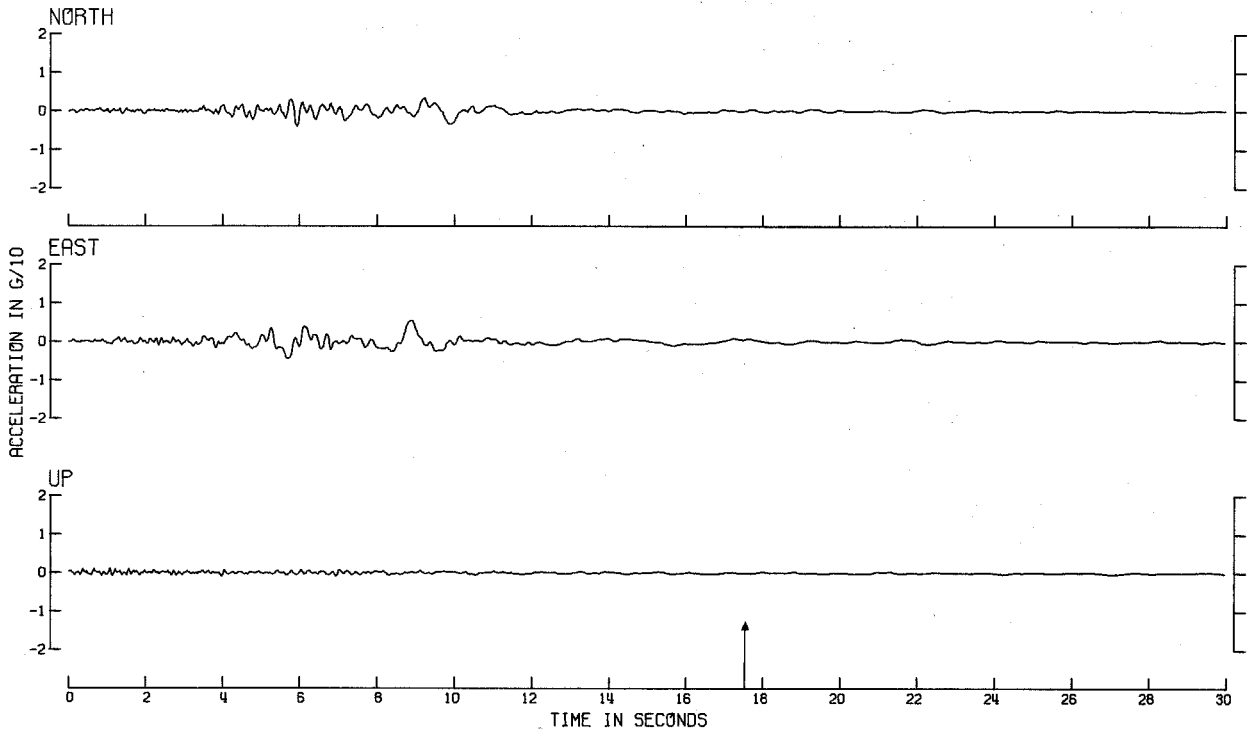
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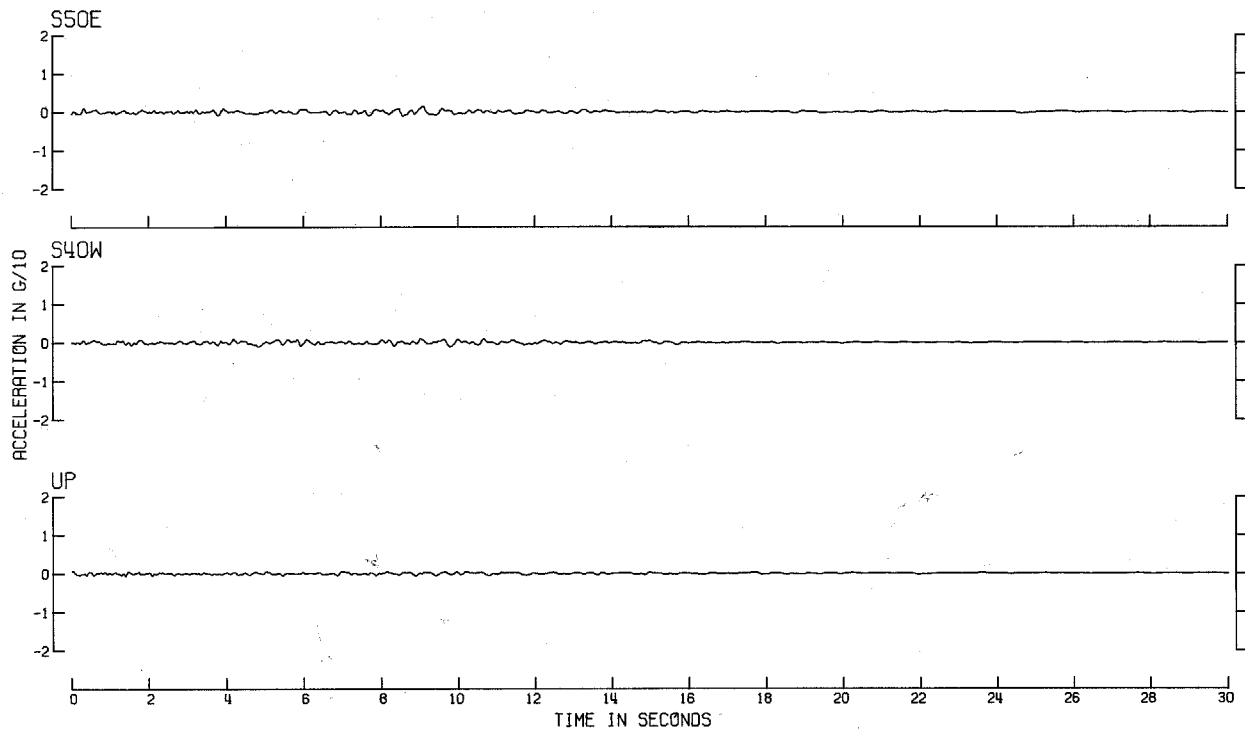
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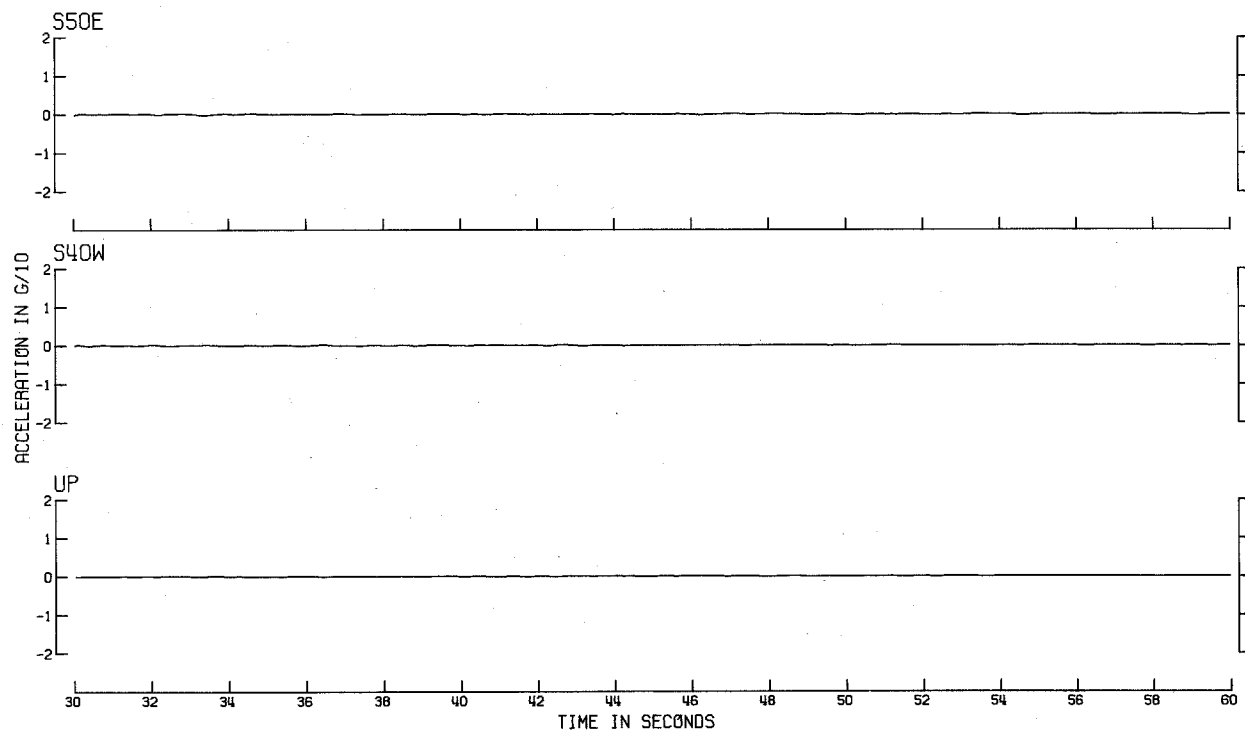
IV316 41.004. 11/14/41 0042PST PUBLIC UTILITIES BLDG., LONG BEACH, CAL.



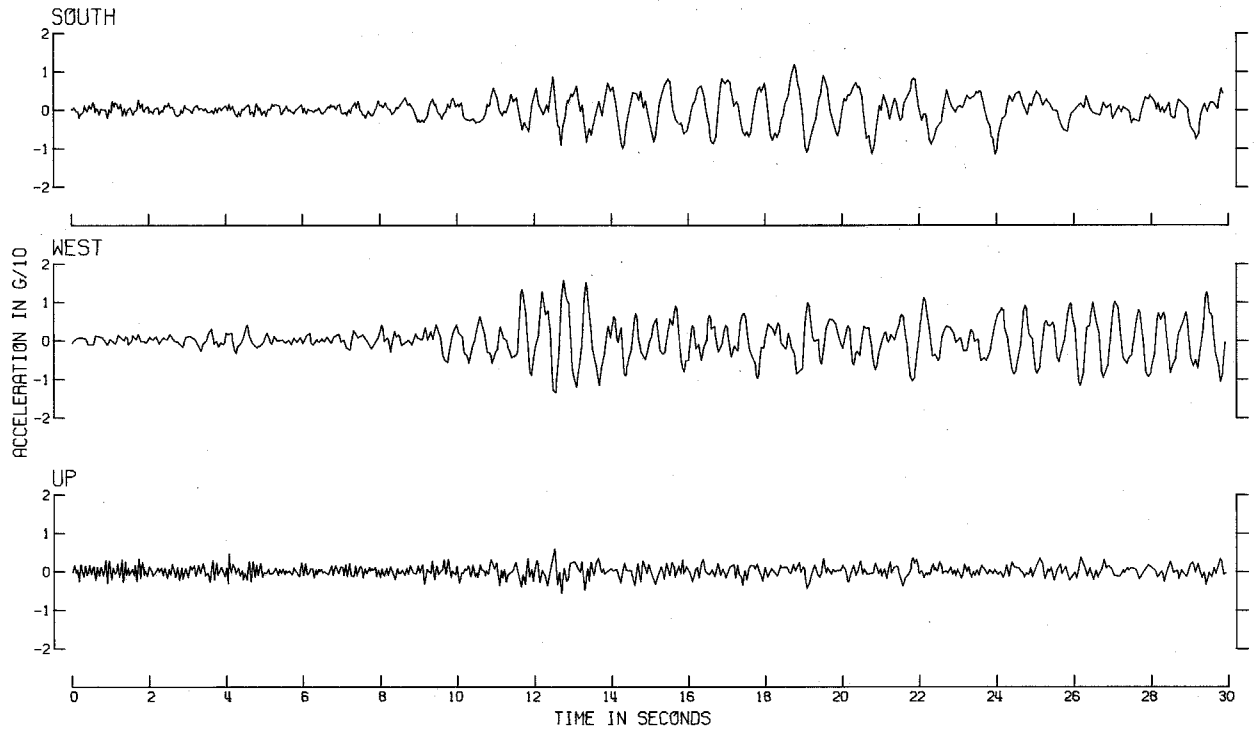
IV317 41.005. 11/14/41 0042PST CHAMBER OF COMMERCE, BSMT., LOS ANGELES, CAL



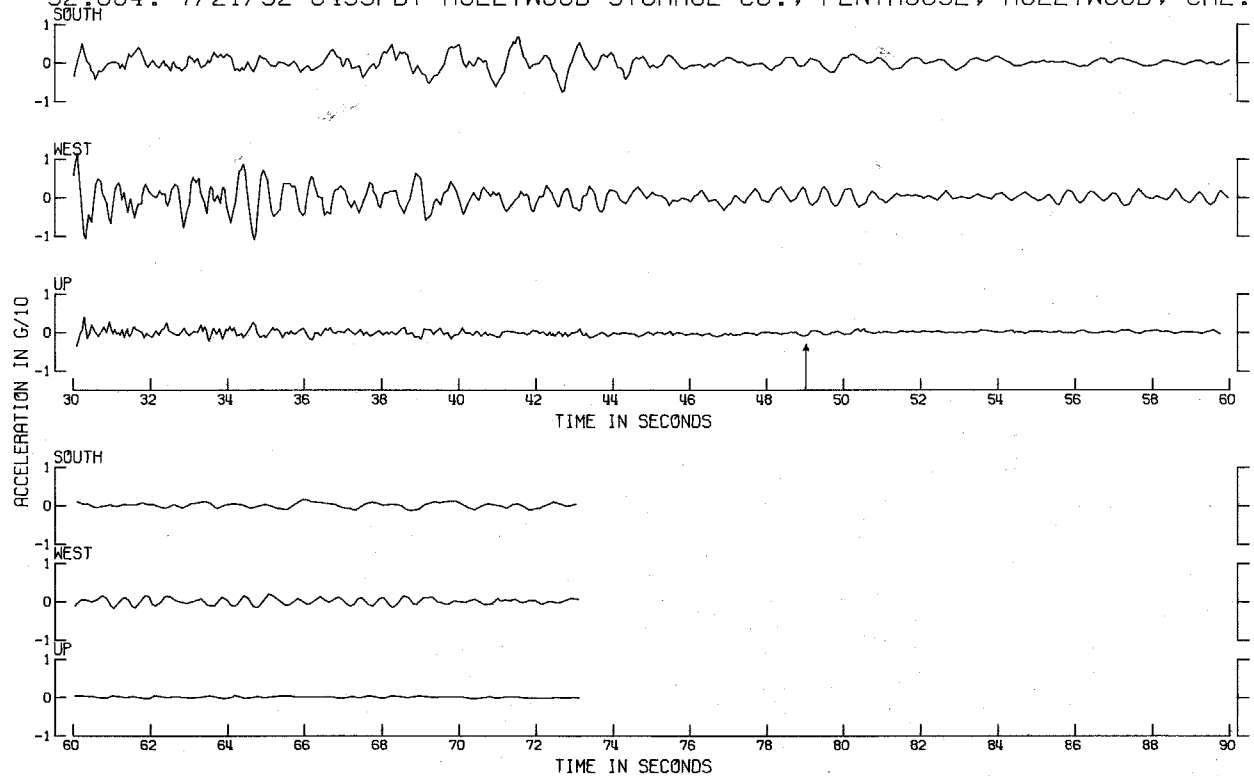
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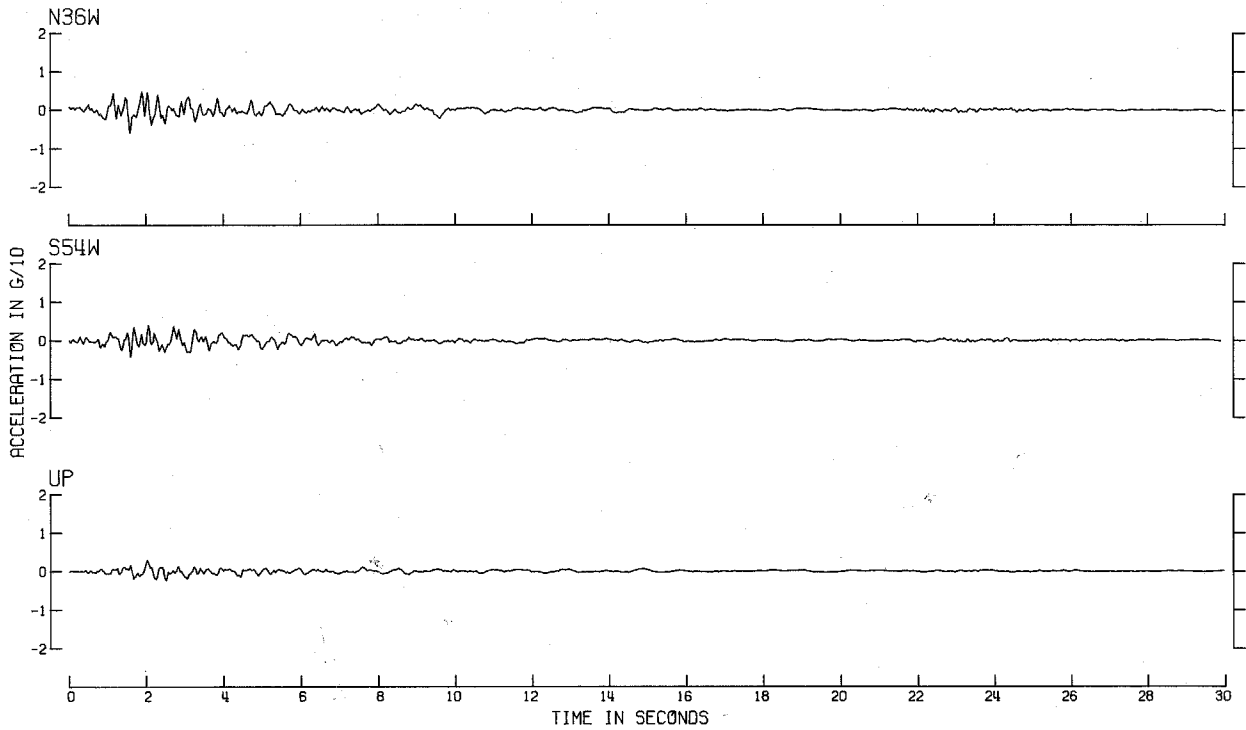
IV318 52.004. 7/21/52 0453PDT HOLLYWOOD STORAGE CO., PENTHOUSE, HOLLYWOOD, CAL.



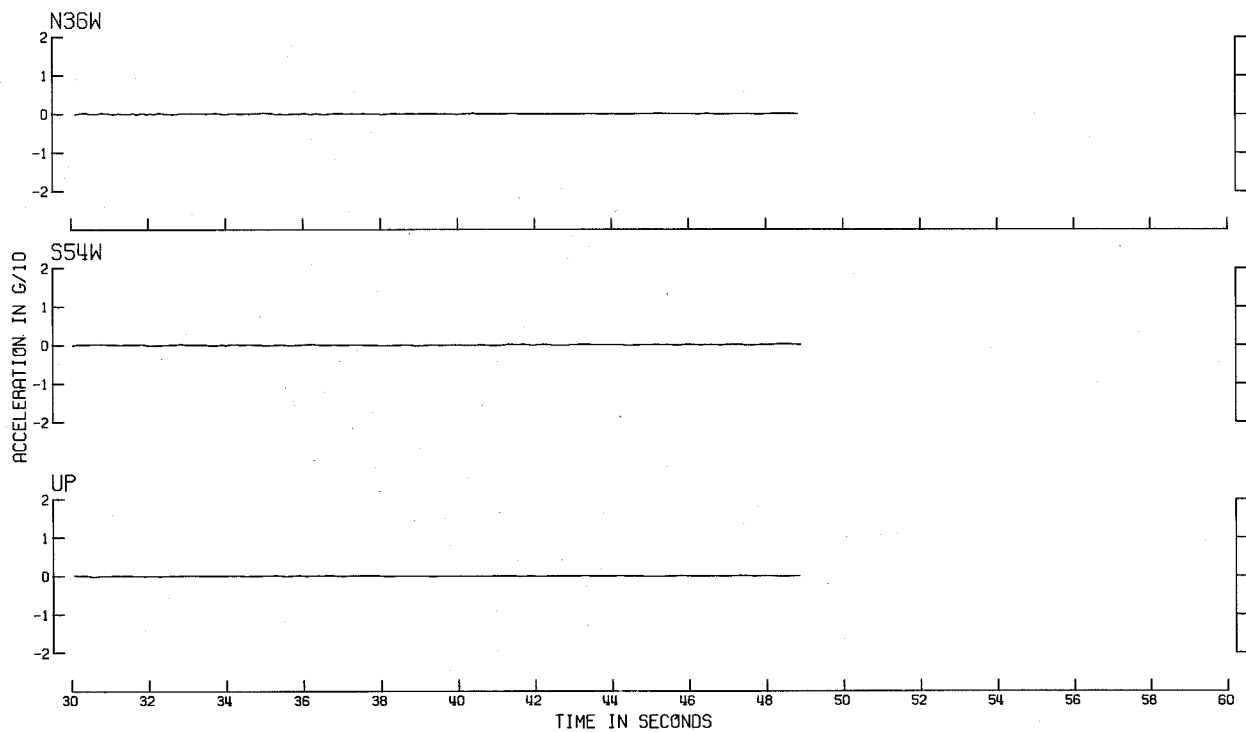
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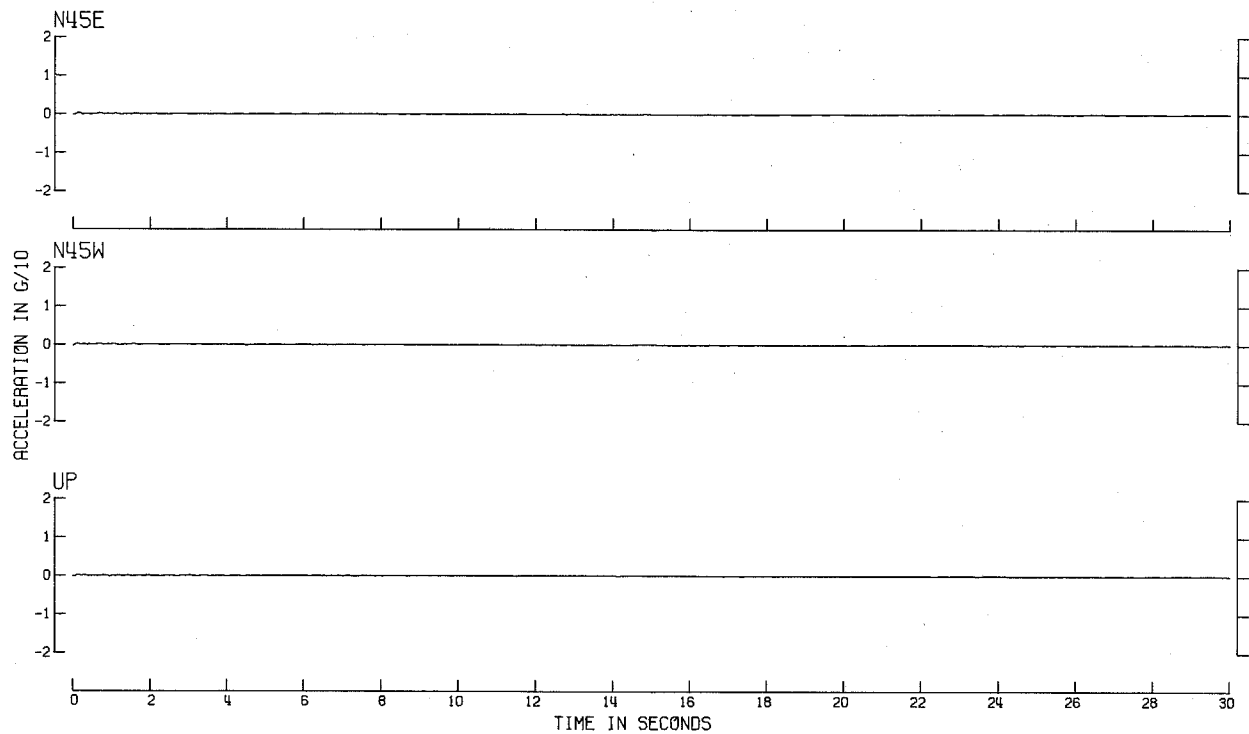
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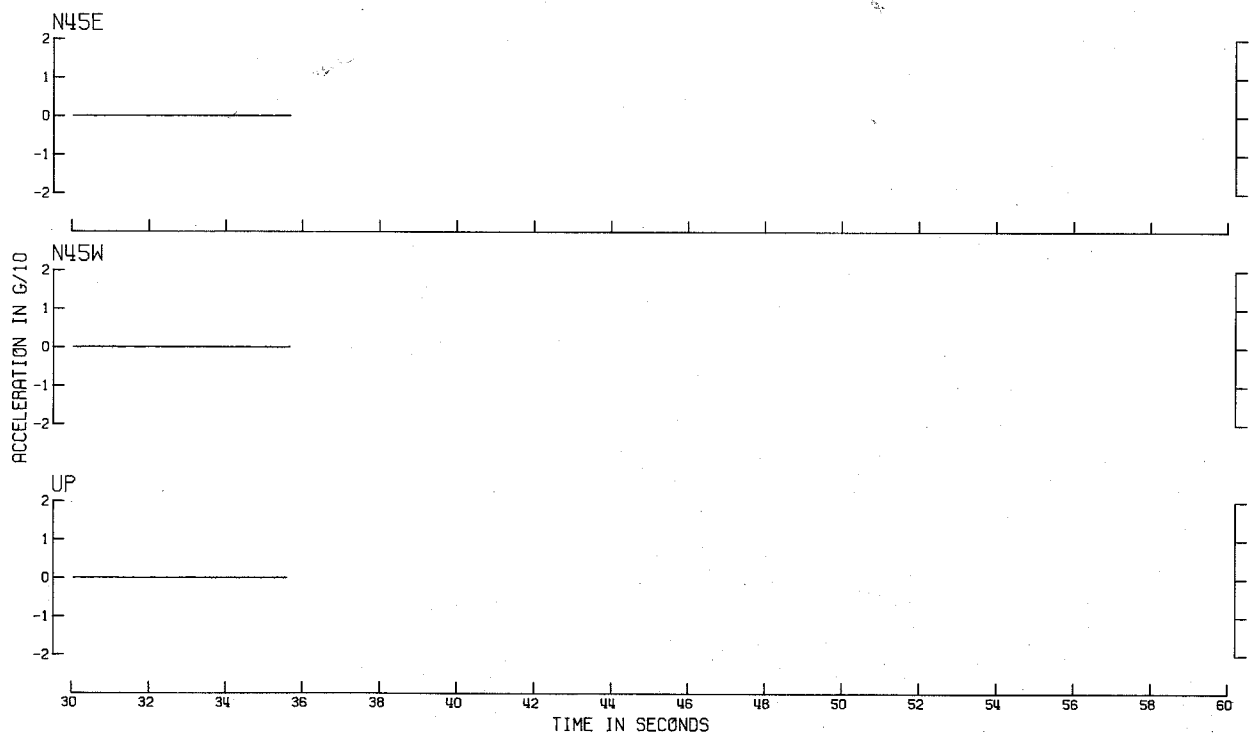
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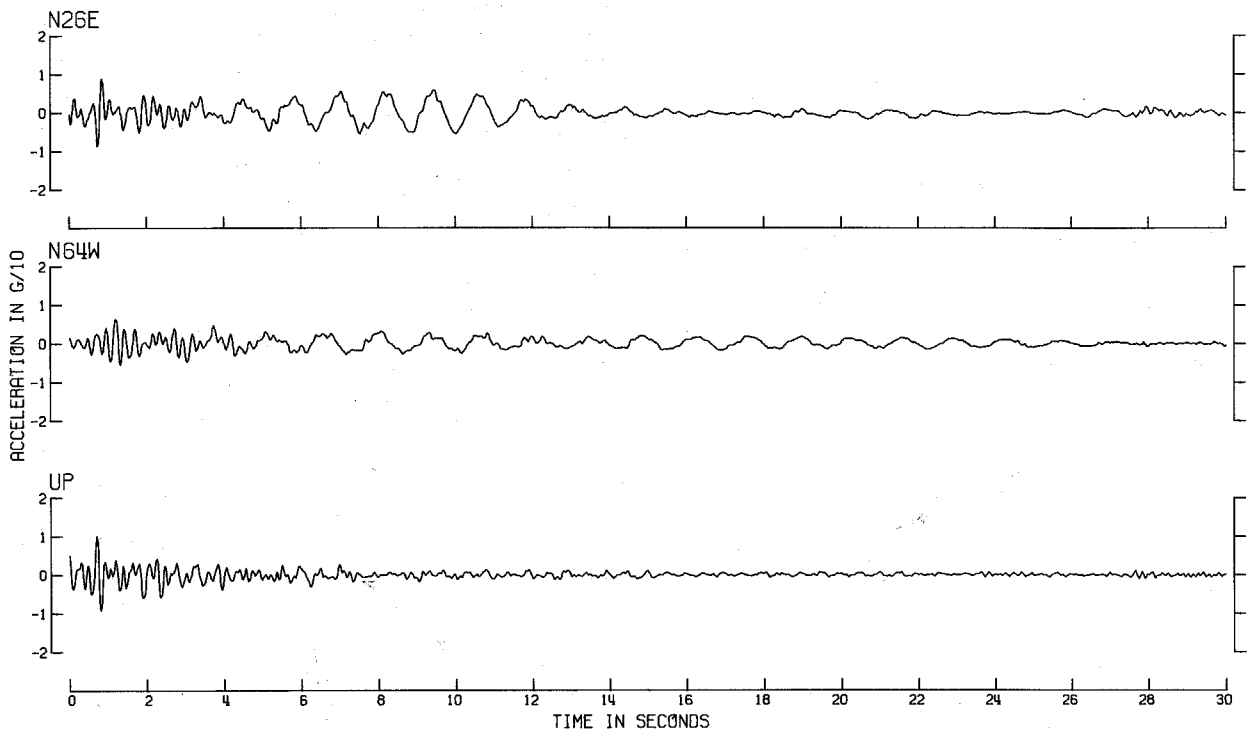
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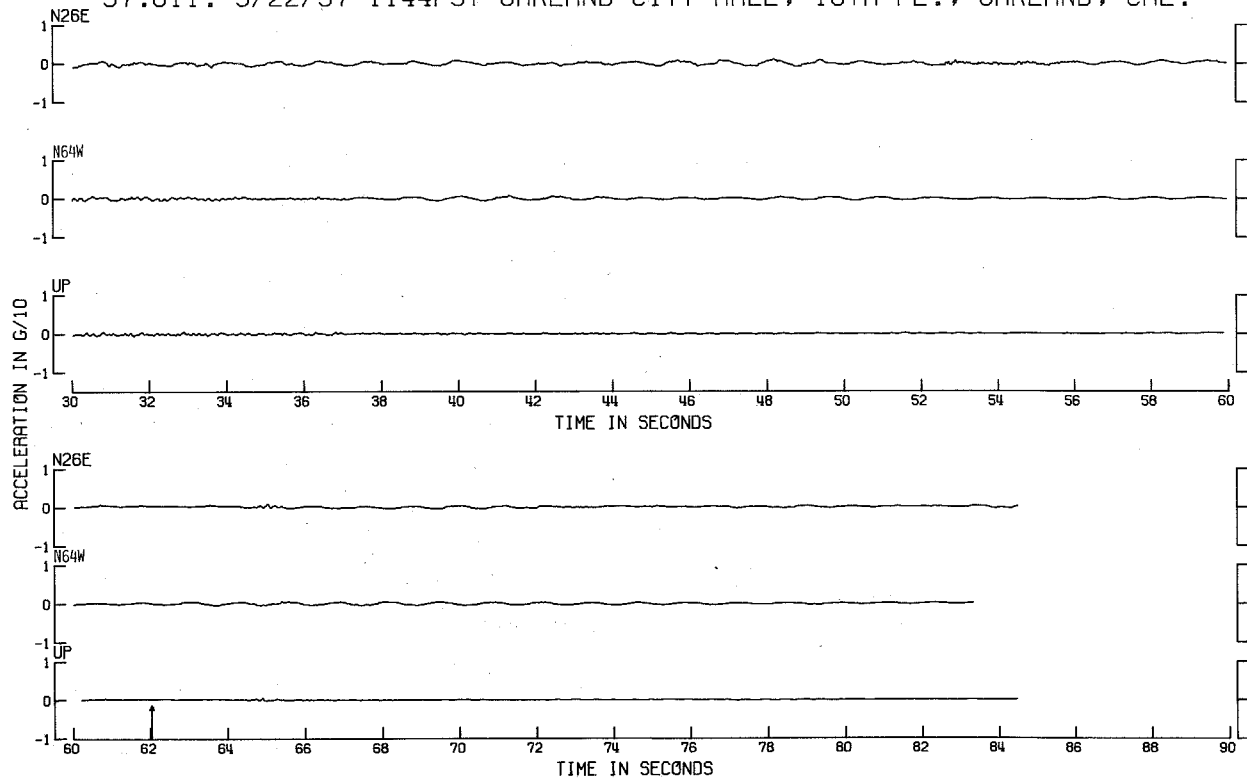
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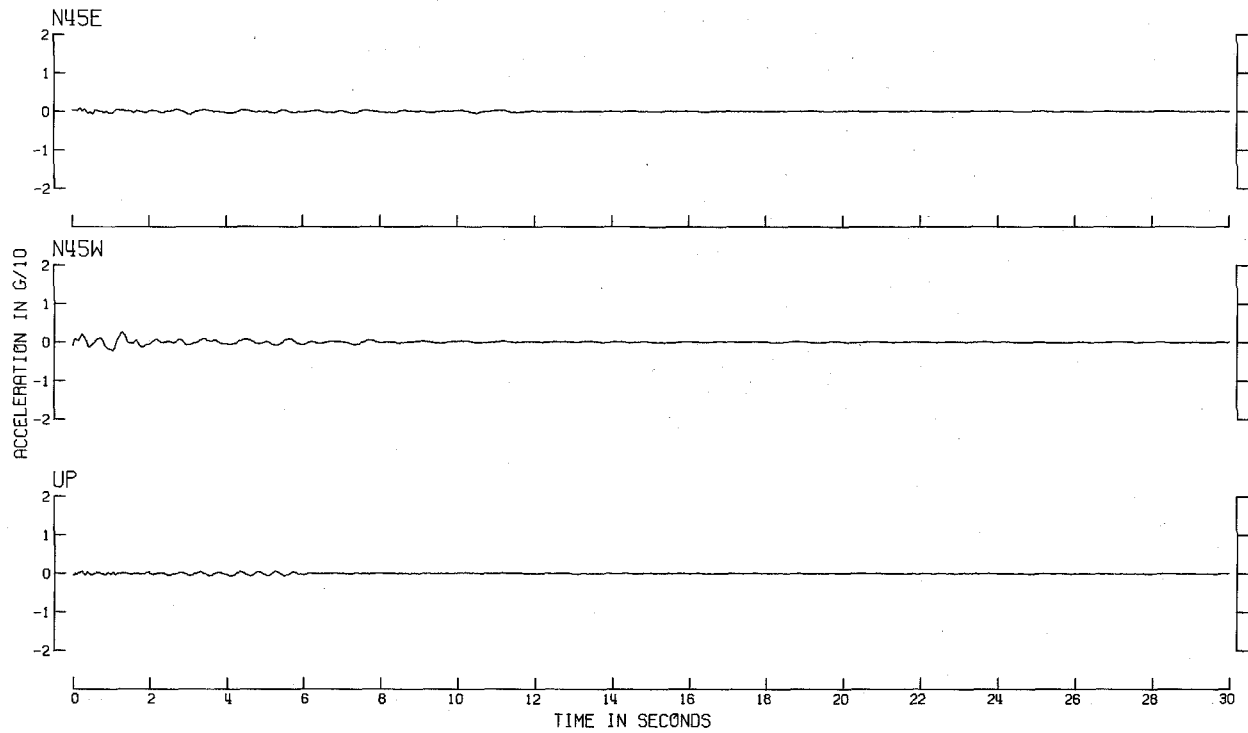
IV321 57.011. 3/22/57 1144PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL.



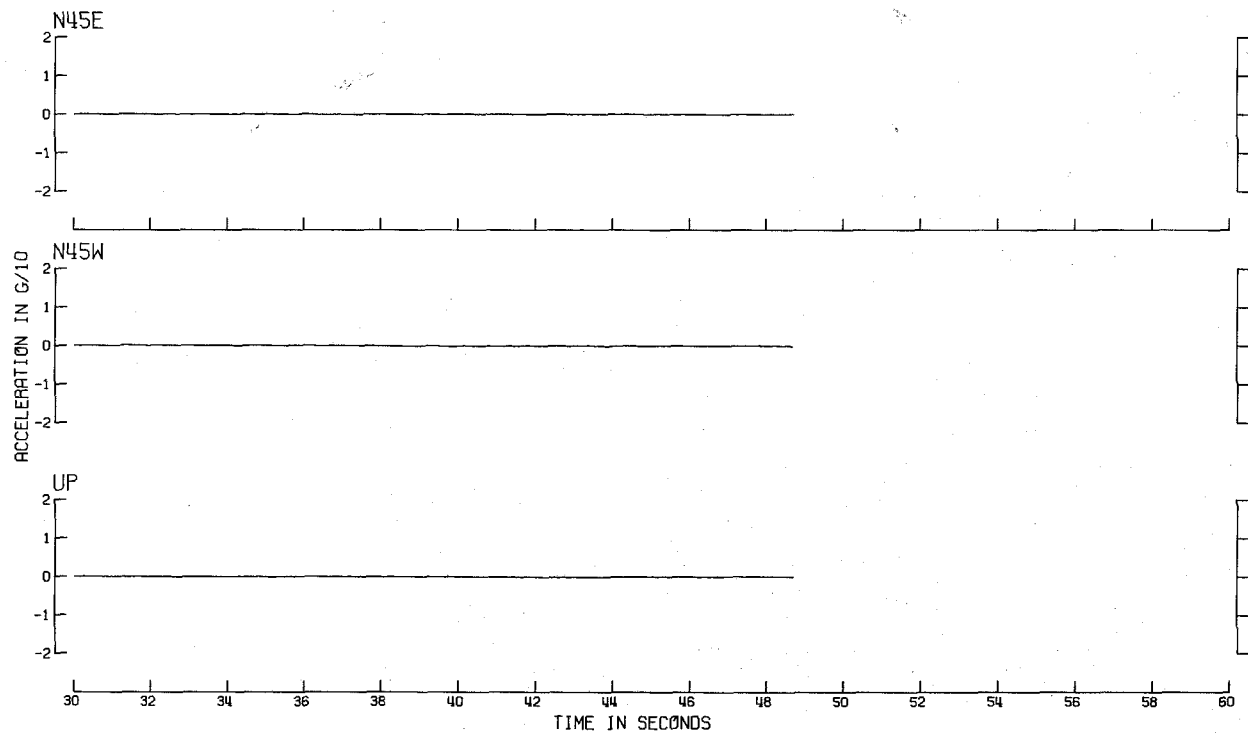
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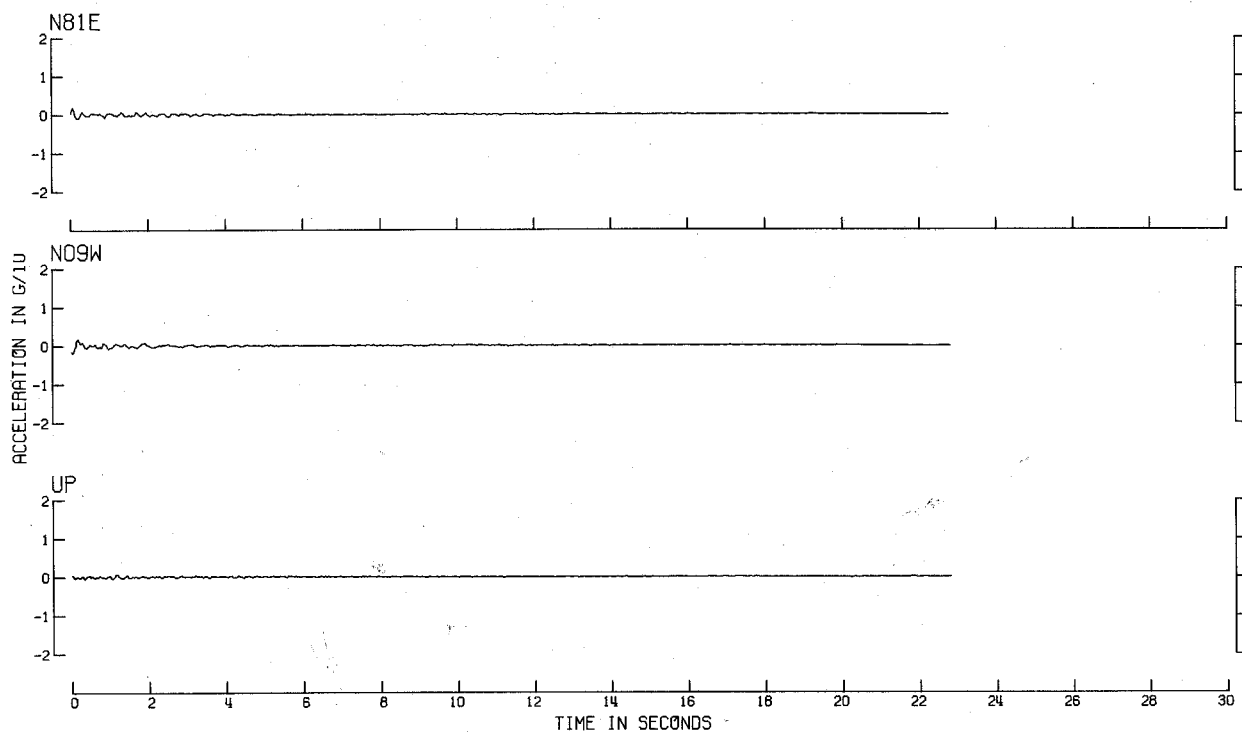
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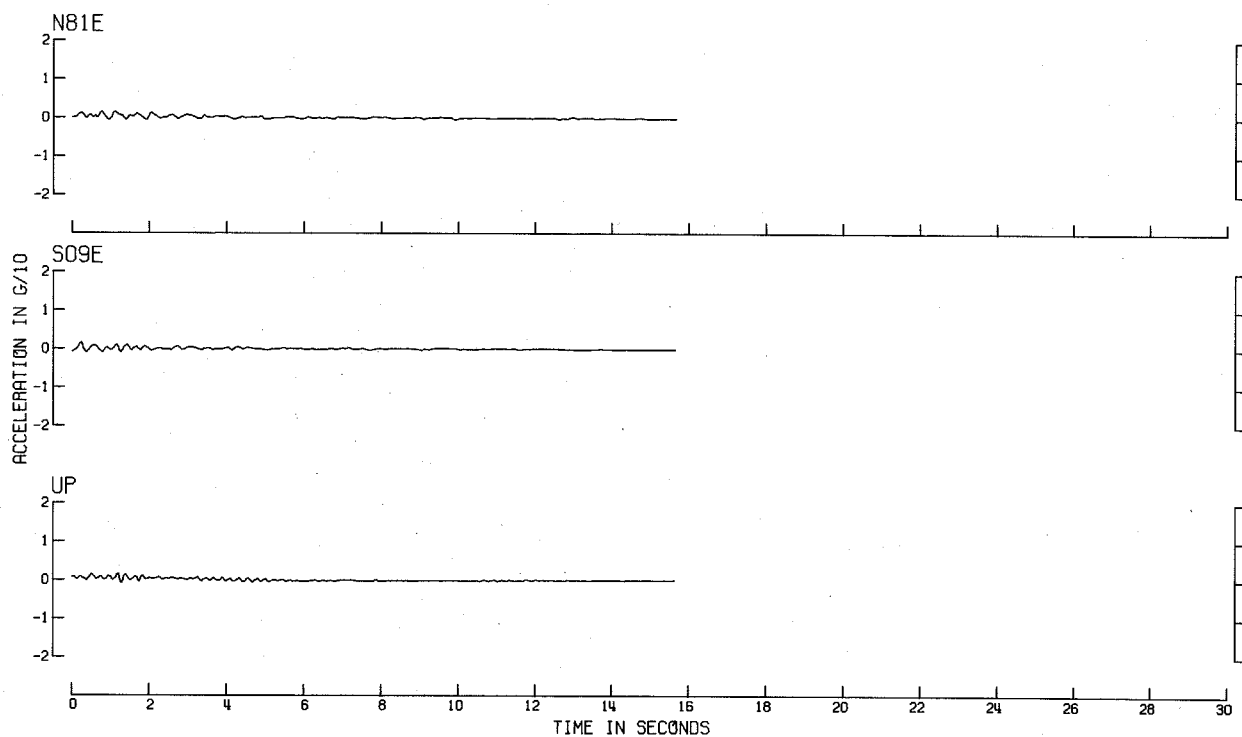
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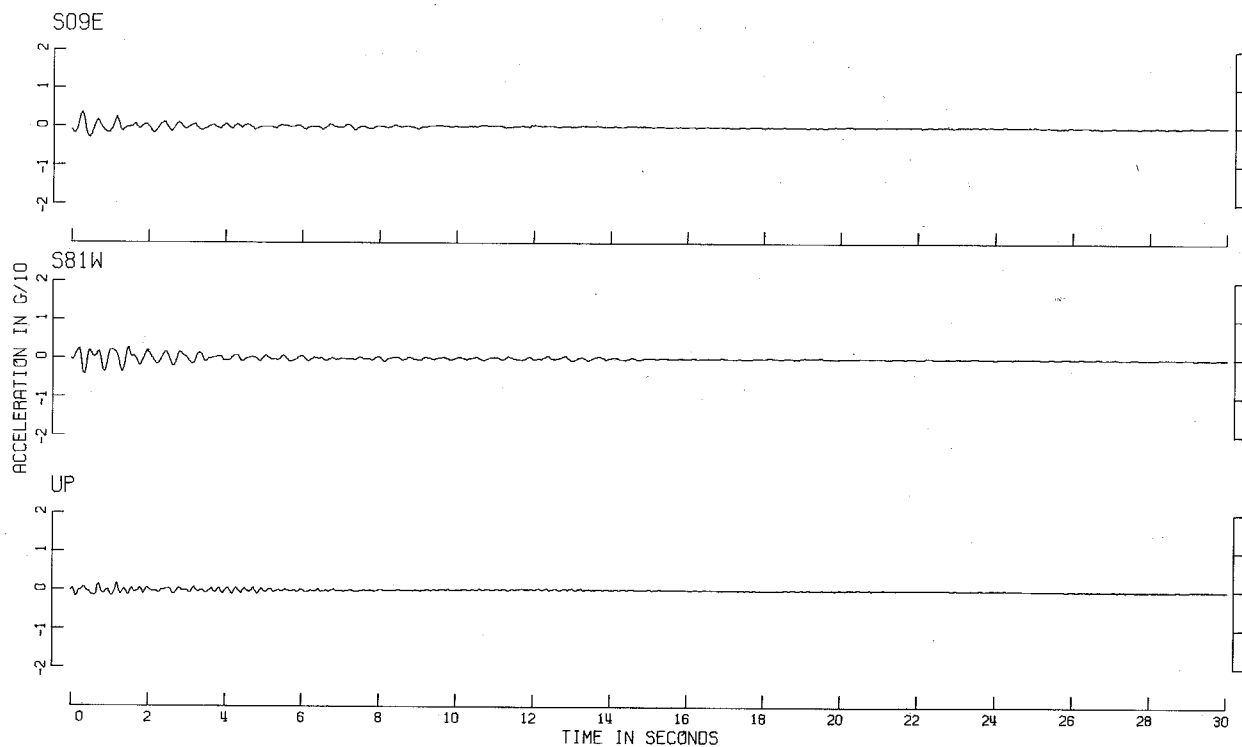
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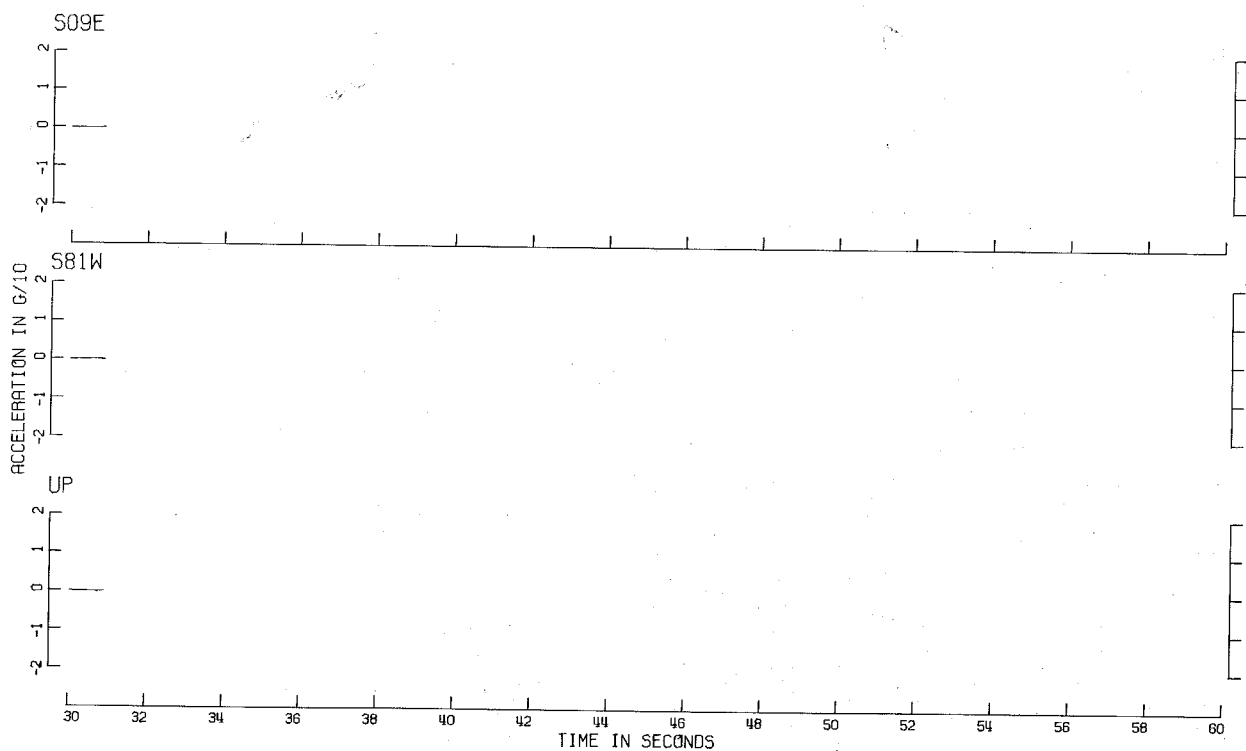
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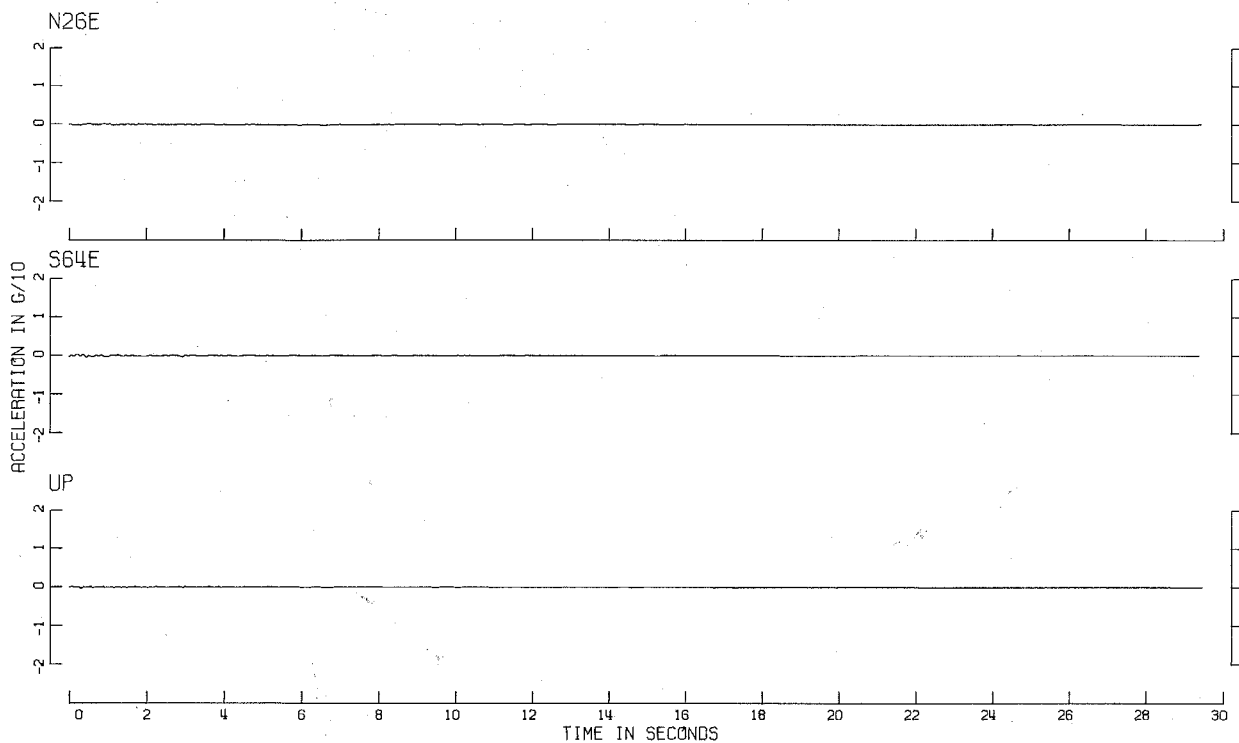
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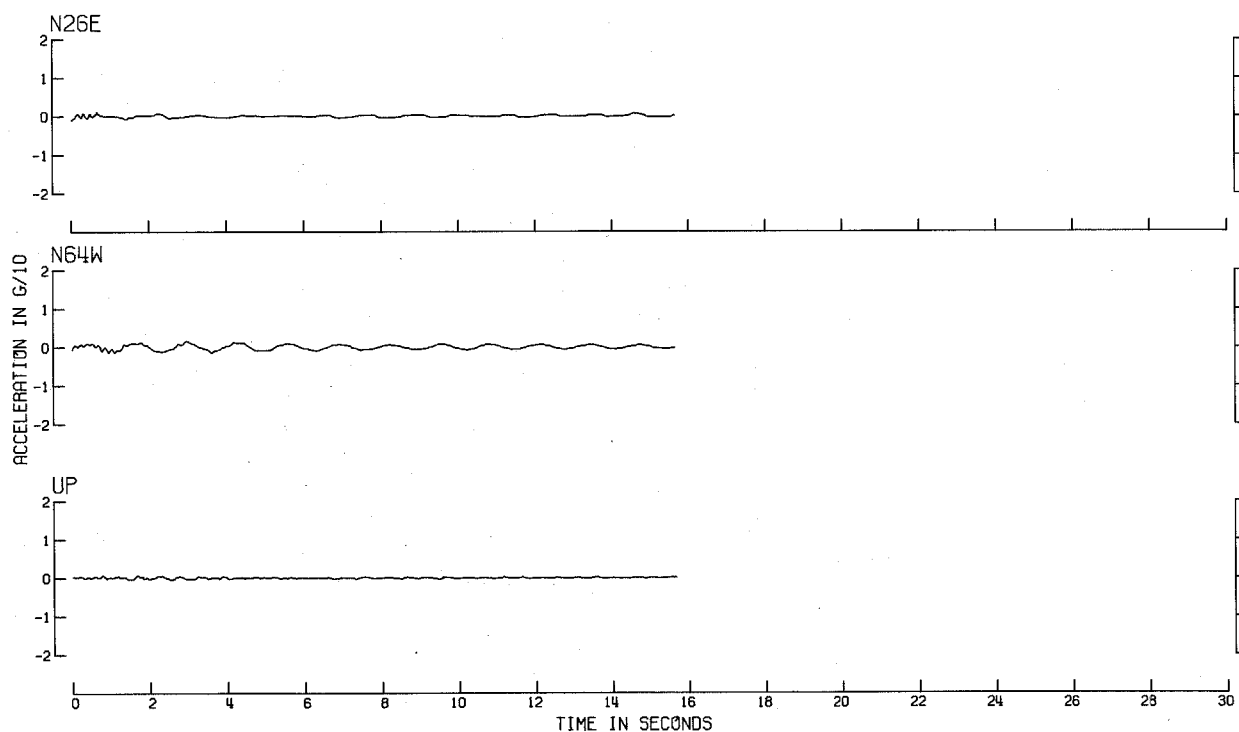
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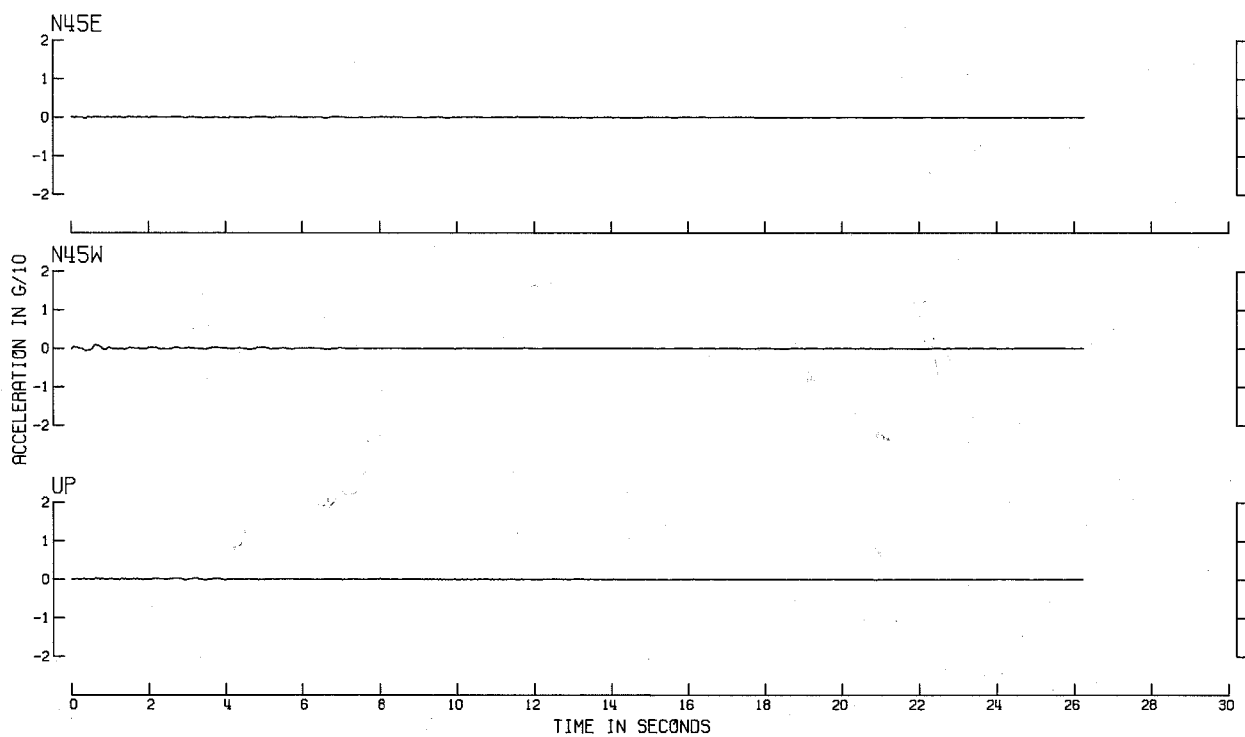
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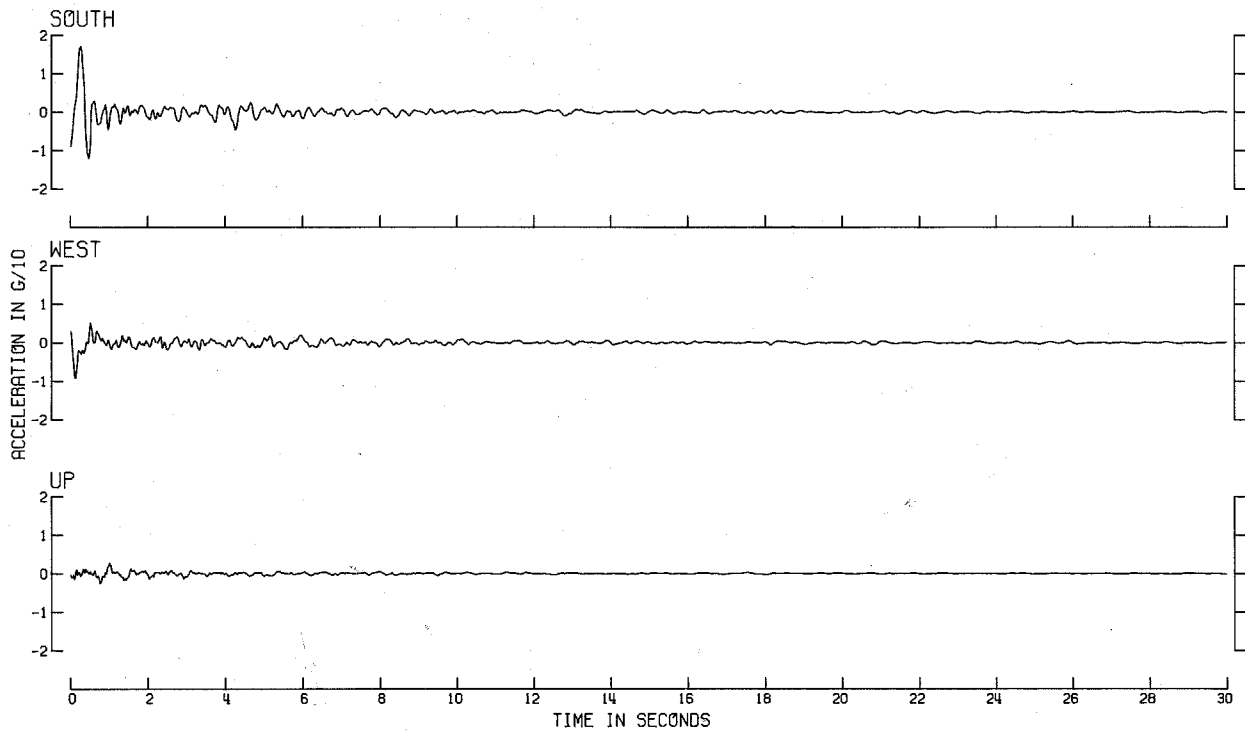
IV327 57.021. 3/22/57 1515PST OAKLAND CITY HALL, 16TH FL., OAKLAND, CAL.



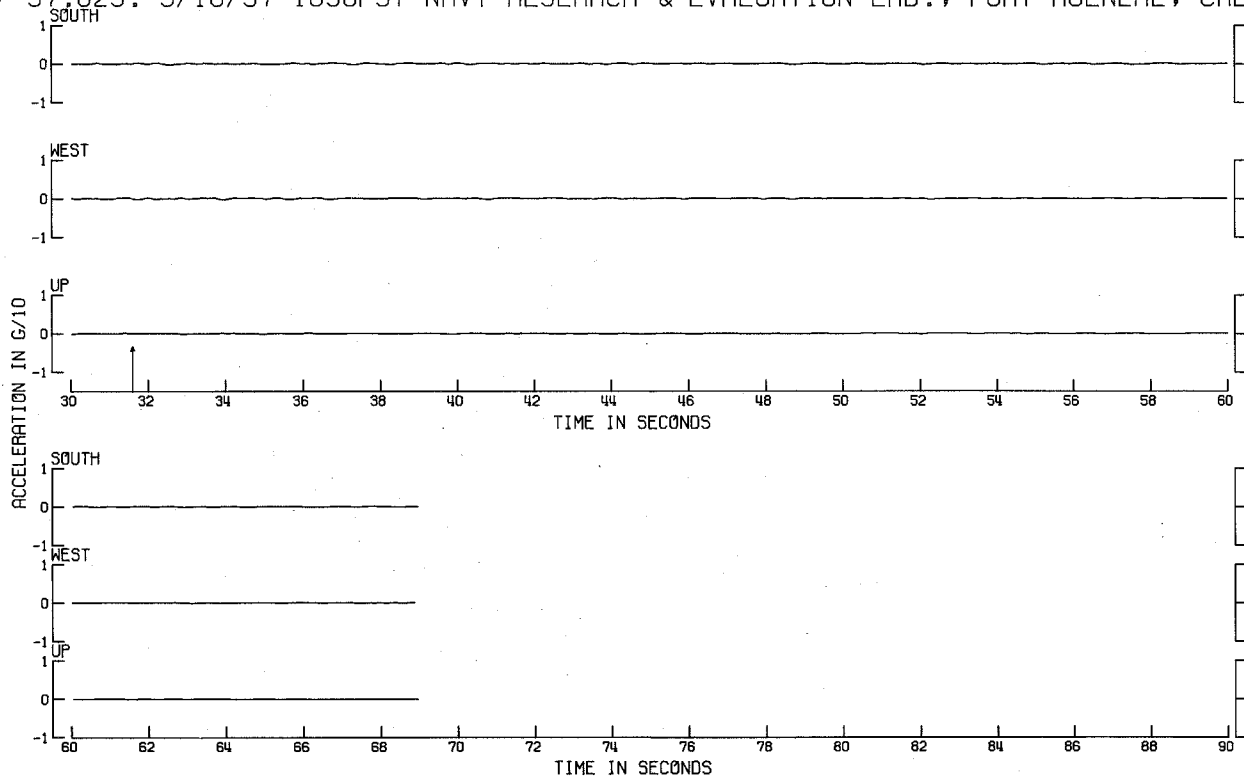
IV328 57.022. 3/22/57 1627PST SOUTHERN PACIFIC BLDG., BSMT., SAN FRANCISCO, CAL.



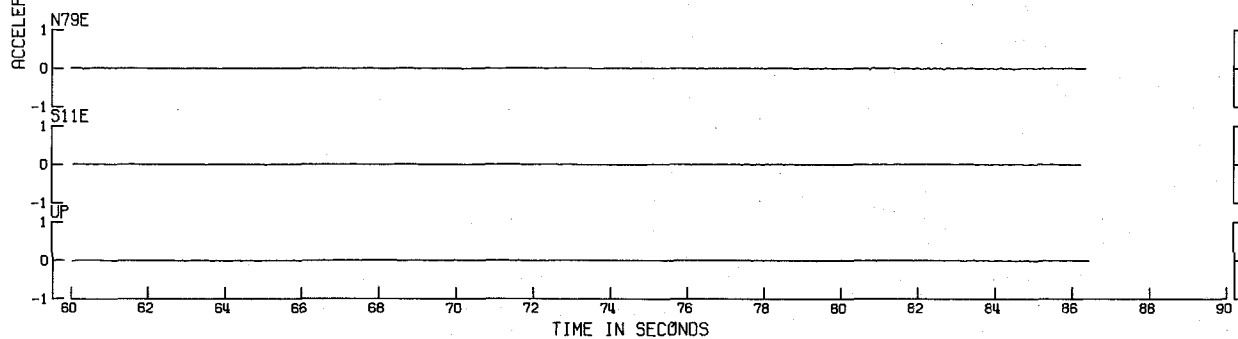
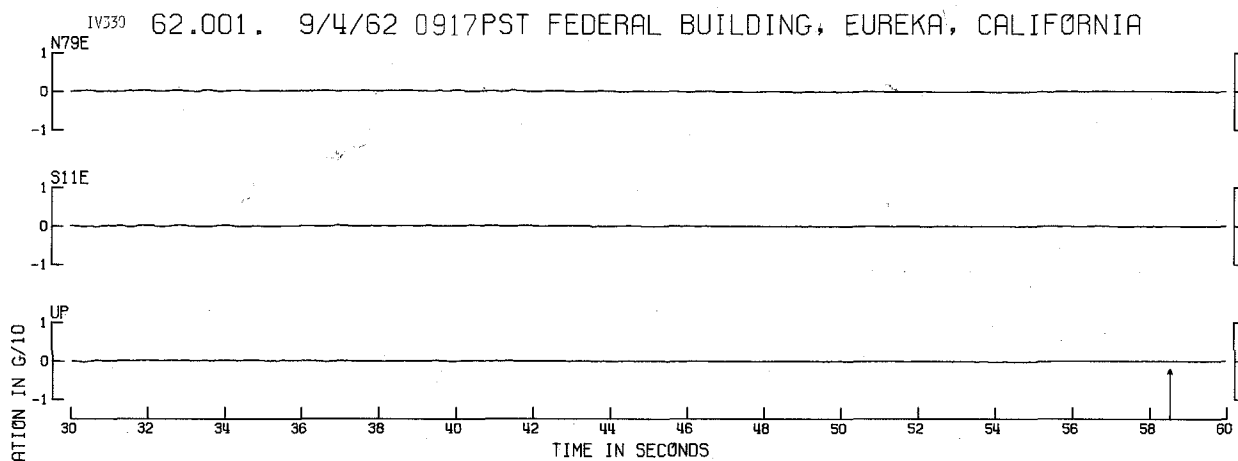
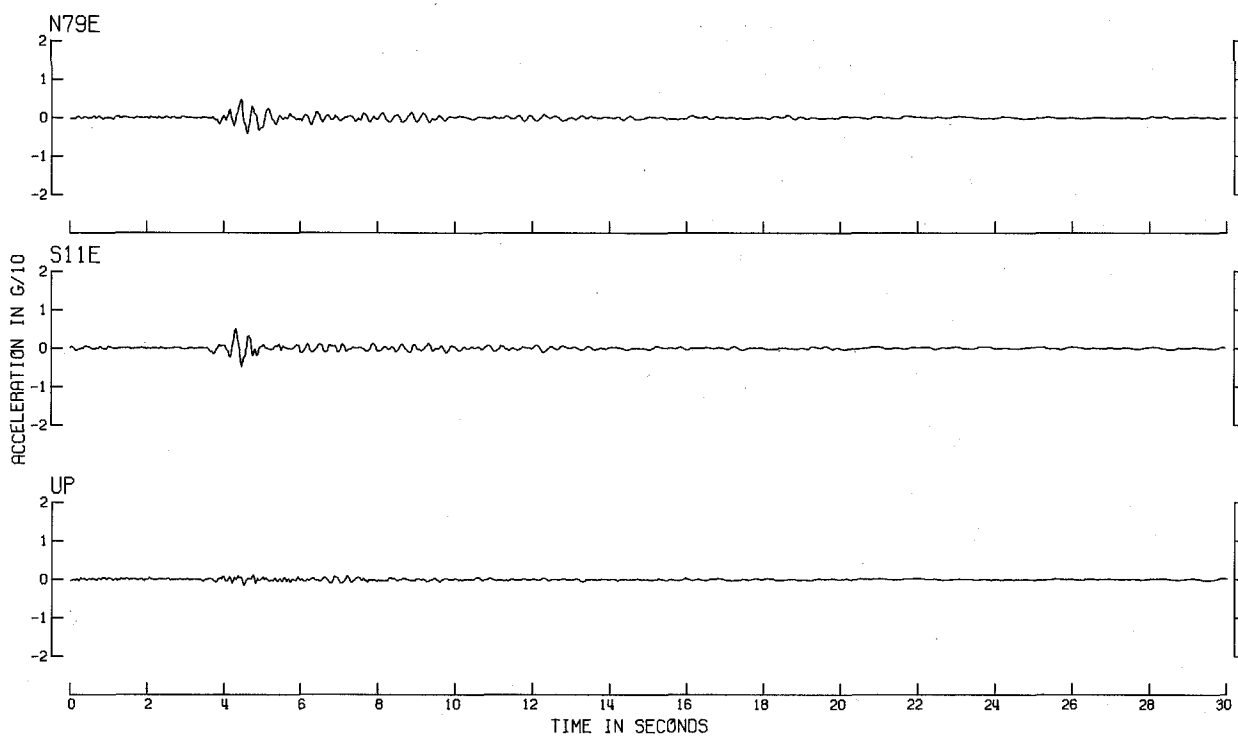
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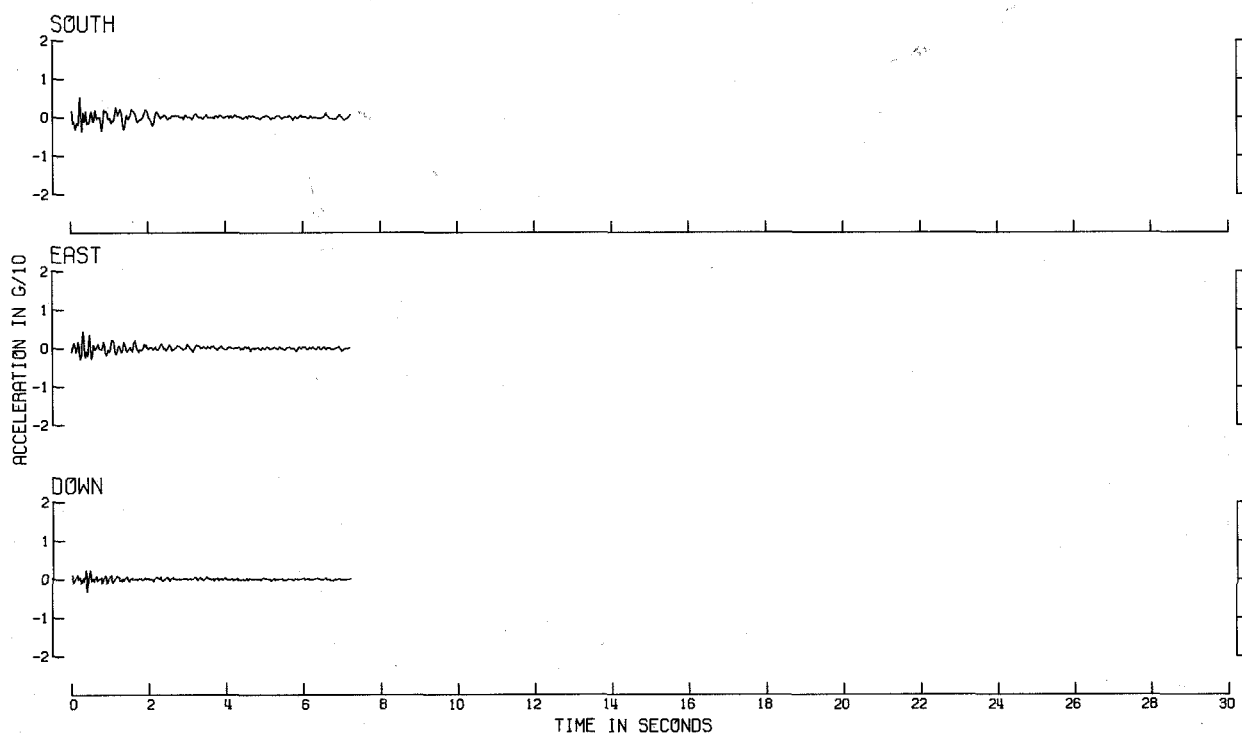
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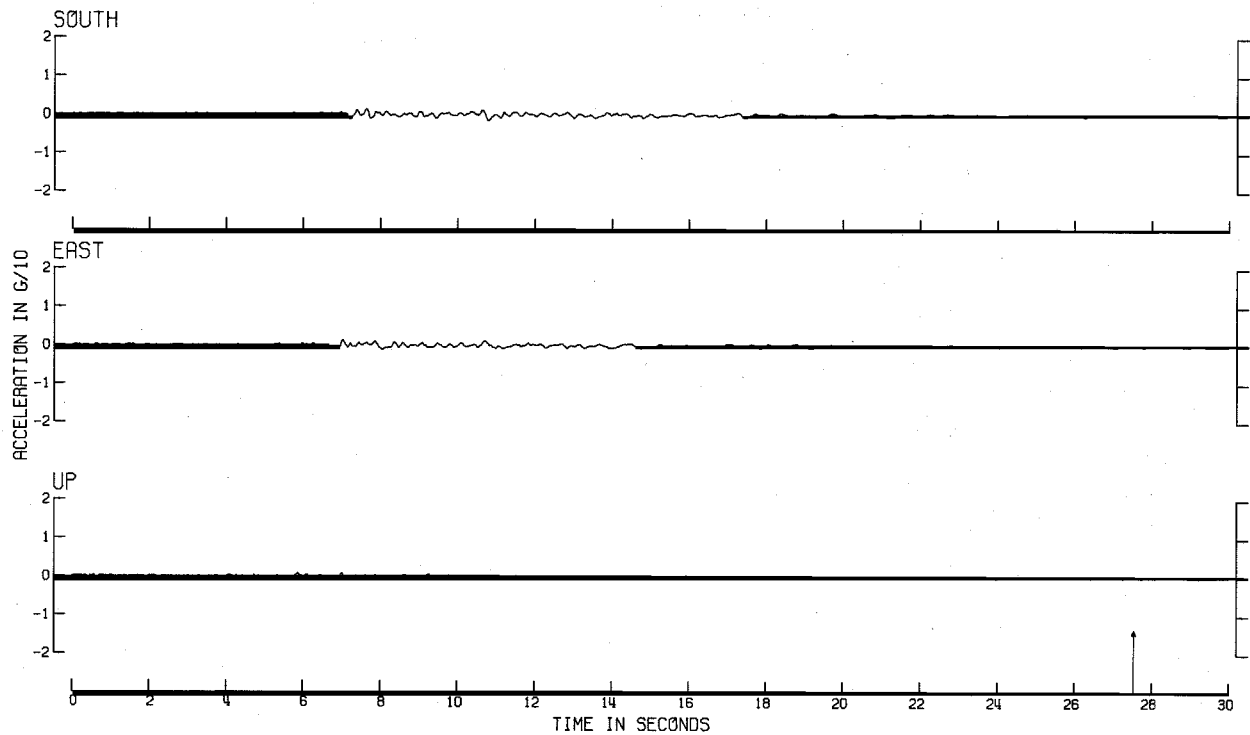
IV330 62.001. 9/4/62 0917PST FEDERAL BUILDING, EUREKA, CALIFORNIA



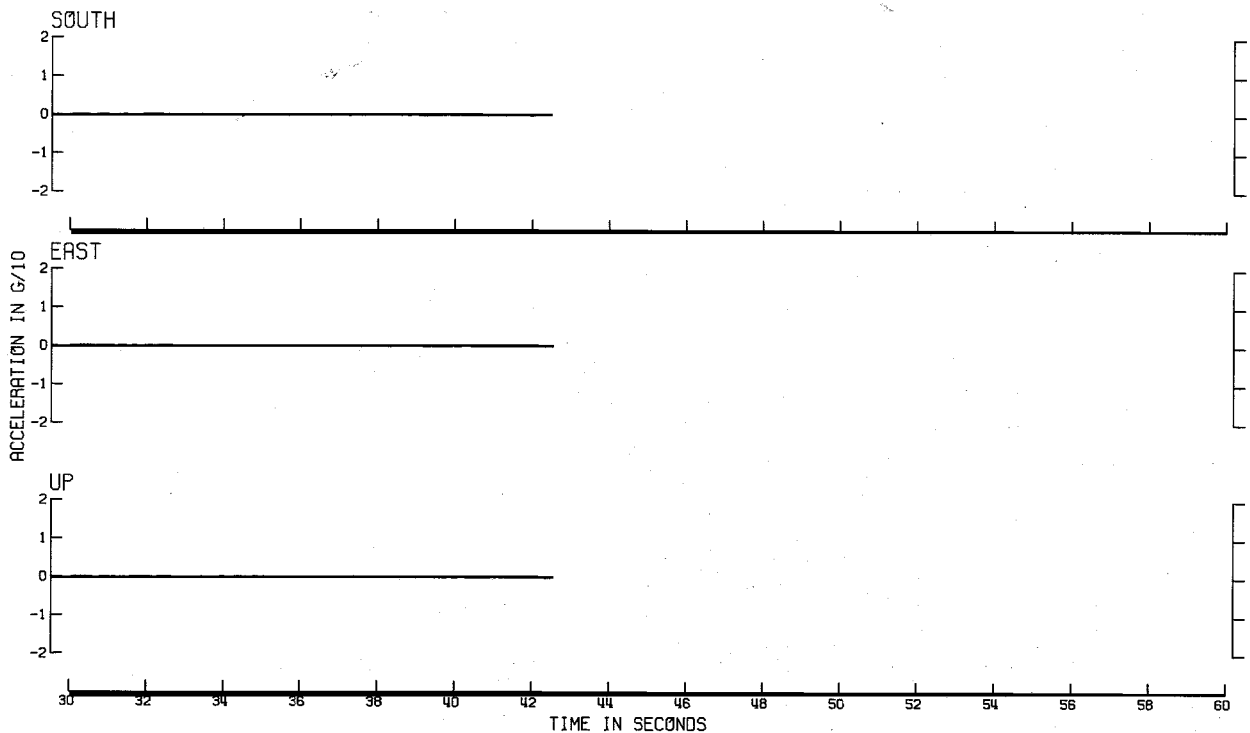
IV331 65.006. 7/15/65 2346PST OLD RIDGE ROUTE (CWR SITE), CASTAIC, CAL.



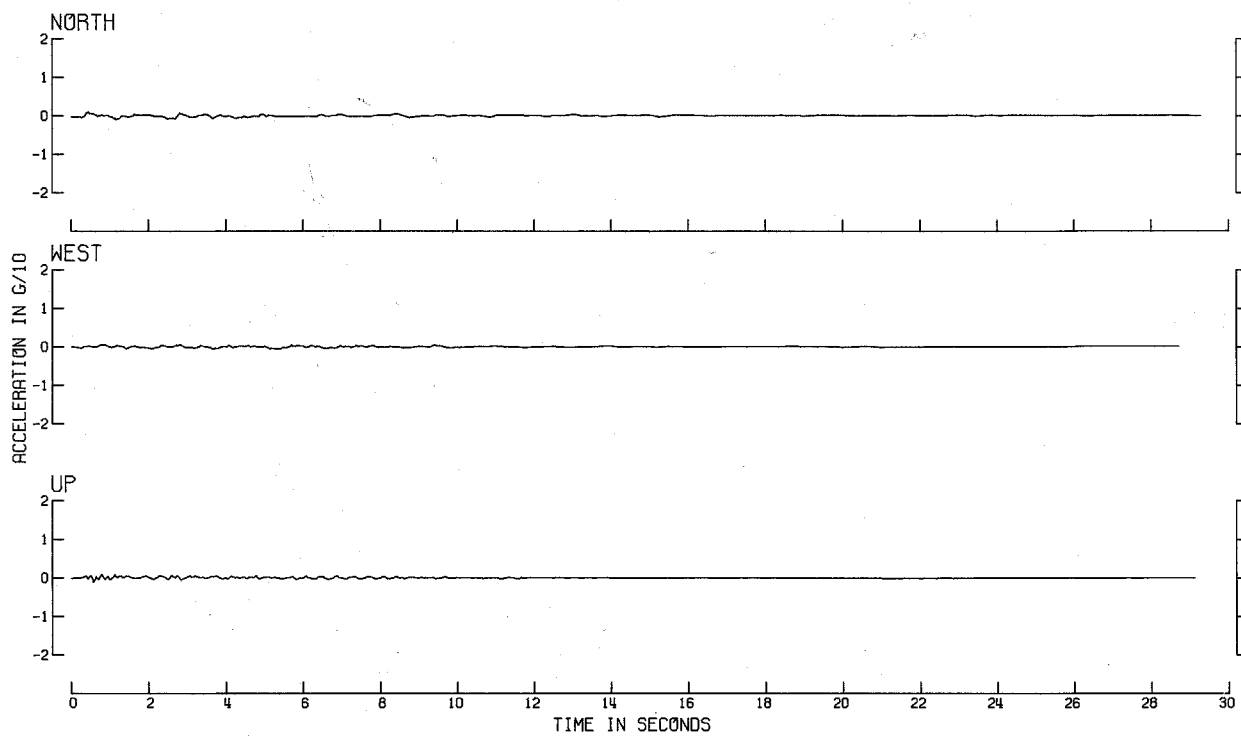
IV332 66.010. 9/12/66 0841PST PACIFIC TEL. & TEL. BLDG., BSMT., SACRAMENTO, CAL



IV332 66.010. 9/12/66 0841PST PACIFIC TEL. & TEL. BLDG., BSMT., SACRAMENTO, CAL



IV333 67.008. 12/18/67 0925PST BETHLEHEM BLDG., 12TH FL., SAN FRANCISCO, CAL



California Institute of Technology
Earthquake Engineering Research Laboratory

The following reports of the Earthquake Engineering Research Laboratory from 1970 on can be obtained from the National Technical Information Service, Springfield, Virginia 22121:

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data
Volume I

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 70-20	PB-287 847
B	EERL 70-21	PB-196 823
C	EERL 71-20	PB-204 364
D	EERL 71-21	PB-208 529
E	EERL 71-22	PB-209 749
F	EERL 71-23	PB-210 619
G	EERL 72-20	PB-211 357
H	EERL 72-21	PB-211 781
I	EERL 72-22	PB-213 422
J	EERL 72-23	PB-213 423
K	EERL 72-24	PB-213 424
L	EERL 72-25	PB-215 639
M	EERL 72-26	PB-220 554
N	EERL 72-27	PB-223 023
O	EERL 73-20	PB-222 417
P	EERL 73-21	PB-227 481/AS
Q	EERL 73-22	PB-232 315/AS
R	EERL 73-23	PB-239 585/AS

Strong-Motion Earthquake Accelerograms
Digitized and Plotted Data

Corrected Accelerograms and Integrated
Ground Velocity and Displacement Curves

Volume II

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 71-50	PB-208 283
B	EERL 72-50	PB-220 161
C	EERL 72-51	PB-220 162
D	EERL 72-52	PB-220 836
E	EERL 73-50	PB-223 024
F	EERL 73-51	PB-224 977/9AS
G	EERL 73-52	PB-229 239/AS
H	EERL 74-50	PB-231 225/AS
I	EERL 74-51	PB-232 316/AS
J, K	EERL 74-52	PB-233 257/AS
L, M	EERL 74-53	PB-237 174/AS
N	EERL 74-54	PB-236 399/AS
O, P	EERL 74-55	PB-239 586 /AS
Q, R	EERL 74-56	PB-239 587/AS

Analyses of Strong-Motion Earthquake Accelerograms
Response Spectra

Volume III

<u>Part</u>	<u>Report No.</u>	<u>NTIS Accession No.</u>
A	EERL 72-80	PB-212 602
B	EERL 73-80	PB-221 256
C	EERL 73-81	PB-223 025
D	EERL 73-82	PB-227 469/AS
E	EERL 73-83	PB-227 470/AS
F	EERL 73-84	PB-227 471/AS
G	EERL 73-85	PB-231 223/AS
H	EERL 74-80	PB-231 319/AS
I	EERL 74-81	PB-232 326/AS
J, K, L	EERL 74-82	PB-236 110/AS
M, N	EERL 74-83	PB-236 400/AS
O, P	EERL 74-84	PB-238 102/AS

Analyses of Strong-Motion Earthquake Accelerograms
Fourier Amplitude Spectra

Volume IV

<u>Part</u>	<u>Report No.</u>	NTIS <u>Accession No.</u>
A	EERL 72-100	PB-212 603
B	EERL 73-100	PB-220 837
C	EERL 73-101	PB-222 514
D	EERL 73-102	PB-222 969/AS
E	EERL 73-103	PB-229 240/AS
F	EERL 73-104	PB-229 241/AS
G	EERL 73-105	PB-231 224/AS
H	EERL 74-100	PB-232 327/AS
I	EERL 74-101	PB-232 328/AS
J, K, L, M	EERL 74-102	PB-236 111/AS
N, O, P	EERL 74-103	PB-238 447/AS

- Strong-Motion Instrumental Data on the San Fernando Earthquake of February 9, 1971, (PB-204 198)
- P. C. Jennings, et al, Forced Vibration of a 22-Story Steel Frame Building (EERL 71-01; PB-205 161)
- P. C. Jennings, ed., Engineering Features of the San Fernando Earthquake (EERL 71-02; PB-202 550)
- Randolph A. Adu, Response and Failure of Structures under Stationary Random Excitation (EERL 71-02; PB-205 304)
- Jacobo Bielak, Earthquake Response of Building-Foundation Systems (EERL 71-04; PB-205 305)
- M. D. Trifunac, F. E. Udawadia, A. G. Brady, High Frequency Errors and Instrument Corrections of Strong-Motion Accelerograms (EERL 71-05; PB-205 369)
- Knut Sverre Skattum, Dynamic Analysis of Coupled Shear Walls and Sandwich Beams (EERL 71-06; PB-205 267)
- John Brent Hoerner, Modal Coupling and Earthquake Response of Tall Buildings (EERL 71-07; PB-207 635)
- P. C. Jennings and J. Bielak, Dynamics of Building-Soil Interaction (EERL 72-01; PB-209 666)
- F. E. Udawadia, Investigation of Earthquake and Microtremor Ground Motions (EERL 72-02; PB-212 853)
- Albert W. Whitney, On Insurance Settlements Incident to the 1906 San Francisco Fire (DRC 72-01; PB-213 256)
- J. H. Wood, Analysis of the Earthquake Response of a Nine-Story Steel Frame Building during the San Fernando Earthquake (EERL 72-04; PB-215 823)
- F. E. Udawadia and M. D. Trifunac, The Fourier Transform, Response Spectra and their Relationship through the Statistics of Oscillator Response (EERL 73-01; PB-220 458)
- Research Papers Submitted to the Fifth World Conference on Earthquake Engineering, Rome, Italy, 25-29 June 1973 (EERL 73-02; PB-220 431)
- Earthquakes and Insurance, Published Papers on Earthquake Research Affiliates Conference of 2-3 April 1973 (DRC 73-02; PB-223 033)
- M. D. Trifunac and V. Lee, Routine Computer Processing of Strong-Motion Accelerograms (EERL 73-03; PB-226 047/AS)